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CTEVICOR COLLEGE, LEGISTAL WALLES

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

JANUARY 1955 Volume LX No. 1



ARKANSAS - JANUARY 1955

WEATHER SUMMARY

January was dry with temperatures near normal. Snowfall averaged slightly more than normal. Farmers were engaged in various outdoor seasonal duties to be ready for spring work as soon as conditions become favorable. Winter grains and cover crops made slow growth because of low temperatures.

The first few days were very mild, especially on the 3d to 5th when temperatures at some stations averaged about twenty degrees above normal. Most stations reported their highest temperatures, which ranged from the middle 60's to the high 70's, on the 3d to 5th. A cold front entered the State on the 5th reducing minimum temperatures the following day to near freezing and maximum temperatures to near 50°. Temperatures the rest of the month averaged below normal. The especially cold days were the 13th, 14th, and 27th to 29th. All stations except one registered their lowest temperatures during the latter period. The coldest temperature was 5° above zero recorded at Batesville and Gilbert on the 29th.

Rainfall averaged less than an inch along the northern border and at scattered stations from Athens to Pocahontas. Most of the northern two-thirds of the State received less than two inches. Three inches or more fell along the southern edge with amounts ranging up to four inches at Arkansas City which recorded the greatest monthly total. No station reported more than normal precipitation. The extreme southeast received less than one inch below normal. Several counties in the northwest received from one to two inches below normal. A large area from Hot Springs eastward to Helena and northeastward to Pocahontas and St. Francis had deficiencies exceeding three inches. The most significant precipitation began as rain on the 9th changing to snow over the northern portion on the 10th. Snowfall from this storm exceeded ten inches at a few locations. Rain or snow also occurred on other dates but not in such generous amounts.

Cold temperatures after the first few days of the month caused the winter grains and cover crops to grow slowly. They were poor where too heavily grazed. The weather was too cold for field work except there was some plowing in the south. Other farm work included caring for livestock, repairing fence, butchering, cutting wood, cutting stalks, repairing machinery, clearing, and in general, getting ready for spring) field work as soon as conditions are favorable. Some strawberries were damaged by drought and growers expected to plant additional acreage. Livestock required supplemental feeding because too little feed was furnished by winter grains. The month ended with mid-winter farm activities at a low ebb.

Lucius W. Dye

SUPPLEMENTAL DATA

ARKANSAS JANUARY 1955

	Wand	direction		Wind m.	speed p. h.		Relati	ve hum	dity ave	rages -		Numl	er of d	ys with	precipi	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6130A CST	12:30P CST	6:30P CST	Trace	-10.	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average aky cover sunrise to su
FORT SMITH W8 AIRPORT	ENE	20	6.4	24	SW	31	80	83	62	66	4	2	1	2	0	0	9	50	6.0
LITTLE ROCK W8 AIRPORT	S	10	9.2	33	NW	24	71	74	54	57	6	5	3	1	0	0	15	42	7.0
TEXARKANA WB AIRPORT	-	-	-	-	-	-	-	_	-	_	3	4	5	1	0	0	13	-	-

Table 1

COMPARATIVE DATA

JANUARY

	T	emperatu	re	P	recipitatio	n		Te	mperatu	re	P	recipitatio	n		T	emperatu	10	P	recipitatio	n
Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average snowfall	
1891 1892 1893 1894 1895	41.6 34.7 38.5 43.5 36.9	71 74 80 77 78	13 -14 -13 -22 - 5	5.34 2.48 1.13 3.63 5.19	3.0 5.6 1.3 7.0		1916 1917 1918 1919 1920	44.3 44.0 27.3 41.4 39.6	82 82 80 75 82	- 6 - 4 -23 - 3 11	9.39 3.66 4.39 3.00 6.49	0.5 3.8 17.6 0.4 0.8		1941 1942 1943 1944 1945	43.6 38.1 41.8 42.2 40.2	76 83 87 82 80	5 -21 - 9 -15 7	3.43 3.20 1.00 2.50 2.37	0.3 4.4 1.2 6.5 1.8	
1896 1897 1898 1899 1900	41.4 38.9 45.5 39.3 43.4	78 76 81 75 78	- 2 10 - 9 1	4.09 6.78 7.93 5.91 2.69	1.0 1.0 T 2.3 0.2		1921 1922 1923 1924 1925	46.9 39.1 48.6 36.1 40.8	85 74 80 79 76	6 4 15 - 6 - 4	2.07 2.63 5.78 3.19 2.68	2.1 1.0 0.1 0.4 1.3		1946 1947 1948 1949 1950	41.1 42.5 33.5 42.0 47.2	78 81 77 82 87	5 - 4 - 7 - 3 6	7.50 2.33 3.32 10.16 9.63	1.7 0.9 5.0 3.1 0.7	
1901 1902 1903 1904 1905	45.6 38.0 40.2 38.9 33.3	78 79 80 75 73	7 2 7 - 5 13	2.21 4.13 2.60 3.81 4.58	1.8 0.2 1.5 3.6		1926 1927 1928 1929 1930	40.5 42.6 42.7 39.4 33.8	77 79 90 79 74	-17 - 1 -10 2 -28	4.69 5.41 2.05 5.08 9.16	2.5 0.1 0.2 0.1 5.0		1951 1952 1953 1954 1955	41.5 47.3 45.2 41.5 41.5	80 82 77 81 78	- 2 10 7 - 5 5	5.43 3.86 3.66 6.08 1.68	2.4 T 0.3 3.3 2.2	
1906 1907 1908 1909 1910	43.1 49.2 41.7 43.8 41.8	82 82 78 82 78	- 2 - 8 - 6 -19 - 7	5.19 5.80 3.75 1.79 2.59	2.0 0.8 1.5 2.4 4.3		1931 1932 1933 1934 1935	42.3 46.2 48.8 44.5 43.6	76 80 81 78 86	0 11 11 2 -11	1.14 9.67 3.67 2.85 5.79	0.4 T T 0.1 0.9		ALL						
1911 1912 1913 1914 1915	47.6 34.3 44.0 46.6 39.3	86 79 78 82 74	- 9 -16 - 1 7 - 3	1.02 3.01 8.45 1.57 4.38	0.2 1.9 0.1 1.5 2.3		1936 1937 1938 1939 1940	37.1 41.9 42.5 45.5 28.0	83 80 81 83 74	- 1 9 4 12 -14	1.05 12.61 6.48 6.21 1.56	3.5 0.7 T 0.5 5.9		YEARS	41.4			4.41	2.0	

BEGINNING WITH 1955, AVERAGES HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

CLIMATOLOGICAL DATA

TABLE 2

				Ten	pera	ture									P	recip	itation					
•				al					gn.	N	o. of I	ays		le	34		Snow,		Iail	No	of D	ays
Station	Average Maximum	Average Minimum	Average	Departure From Norm	Highest	Date	Lowest	Date	Degree Day	90° or Above	32° or X Below 32° or	Min.	Total	Departure From Norm	Greatest Da	Date	Total	Max. Depth on Ground	Date	.18 or More [©]	.50 or More	1.00 or More
HIGHLAND DIVISION ALUM FORK A SHDOWN BENTONN BENTONVILLE BOONEVILLE CAMP CHAFFEE CLARKSVILLE CONWAY DARDANELLE DF QUEEN	53.5 55.8 53.6 47.7 53.3 53.4 52.5 54.2 54.2	32.1 33.9 29.5 27.9 31.6 30.3 30.8 31.5 32.6 32.8	42.8 44.9 41.6 37.8 42.5 41.7 42.9 43.4 44.5	2.2 2.0 1.2 0.9 2.2 1.3	68 78 72 67 72 74 74 72 74	4 5 4 3 3 4 4 4	14 11 10 12 12 11 13 15	29 29 29 27+ 29 29 29 29	681 619 716 836 690 713 717 679 663 628	000000	0 1 0 2 0 2 0 2 0 2	7 0 1 0 4 0 1 0 1 0 0 0 9 0	1.01 2.37 1.89 0.90 1.57 1.37 1.44 1.12 1.11	- 2.57 - 1.77 - 3.29 - 2.45 - 2.06		10 15 6 15 10+ 18 10	T 0.0 T 2.0 1.5 2.5 1.0 0.0	0 0 0 2 2 3 0 0 0 0 0	10 10 10	357333335	3 0 0 1 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

TABLE 2 - CONTINUED

TABLE 2 - CONTINUED				×	Теп	pera	ture									P	recip	itation				/ 19	_
					le				LO .	1	No. o	f Day	ys		Te .	A		Snow,	Sleet, I	Tail	No.	of D	ays
Station		e H	. B		ture Normal				Days	N	lax.	М	in.		ture Normal	t Day			hund		More®	More	
		Average Maximum	Average Minimum	Average	Departure From Nor	Highest	Date	Lowest	Degree	90° or	32° or Below	32° or Below	0° or Below	Total	Departure From Nor	Greatest	Date	Total	Max. Depth on Ground	Date	16 or Mo	.50 or M	or More
OEVILS KNO8 EUREKA SPRINGS		46.5 49.3	28.1	37.3 39.6	1.3	70 66	3 2+	8 29	850		0 2	23	0	1.31		0.62	_	9.0	6	10	4	1	0
FAYETTEVILLE FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP FORT SMITH WB AP FT SMITH WATER PLANT GILBERT	R //	47.7 47.8 48.6 48.9 50.7 51.8 52.5	30.2 27.6 29.6 26.7 31.2 28.8 26.3	39.0 37.7 39.1 37.8 41.0 40.3 39.4	1.1	67 68 68 74 72 71 76	4 4 4 4 3+ 4	11 29 9 29 11 29 9 29 14 29 8 29 5 29	801 836 795 832 739 756 786		0 0 0 0 0 0 0 0 0	21 24 21 25 18 23 24	0000000	1.41 1.37 1.13 1.26 1.51 1.65 0.97	- 1.75 - 1.38 - 2.36	0.80 0.41 0.66 0.90 0.71 0.90	10 10 10 10 10	9.5 7.0 6.3 11.0 5.5	6 4 3 6 1 3 5	10 11 10 11 10 10	3 4 3 2 3 4 4	1 0 1 1 2 1 0	0 0 0 0 0 0
GRANNIS GRAVETTE GREEN MOUNTAIN HARRISON	AM	53.2 48.0	32.7 27.3M 25.8M 28.4	43.0 37.7M	1.5 1.1 2.1	71 66 70	4 4+	14 29 7 29 8 29 10 27		0	- 1	24 23	0 0 0	1.72 0.91 1.56 1.09	- 3.02 - 1.78 - 1.90	0.73 0.51 1.18 0.80	10 10	0.0 6.0 9.1 13.0	0 8	10	3 3 2 2	2 1 1	0 0 1 0
HOPE HOT SPRINGS LEAD HILL	AM	53.8 53.7 50.2	32.7 34.6 26.2	43.3 44.2 38.2	- 1.3 0.8 1.3	72 70 75	5 4 4	15 29 17 29 7 29		0	0 0		0 0	1.54 1.72 E 0.85	- 3.45 - 3.21 - 1.99	0.55 0.80 E 0.75	10+ 10	0.0	0		4 4 2	1	0
LITTLE ROCK WB AP MALVERN MAMMOTH SPRING	R //	51.6 54.5M 50.8	33.3 31.7M 26.9	42.5 43.1M 38.9	0.7	72	4+	15 29 15 29 8 29	690 672 801		0 0	17	0 0 0	1.49 1.74 0.76	- 3.63 - 2.88	0.56 0.54 0.40	10 11	0.5	T 0 6	10	4 5 3	1 0	0
MARSHALL MENA MORRILTON MOUNT IDA MOUNT MAGAZINE MOUNTAIN HOME	Ам	51.5 51.8 53.5 52.4 44.3 49.0	29.7 33.5 31.4 27.4 29.2 27.9	40.6 42.7 42.5 39.9 36.8 38.5	0.9 1.2 1.8 - 1.1	72 69 72 69 61 75	4 4 3 5 3 4	8 29 15 29 11 29 10 29 9 13 8 29	816		0 0 0 0 0 0 2 0 1	22	00000	0.99 1.36 1.24 1.54	- 2.22 - 2.59 - 2.62 - 2.81 - 1.83	0.71 0.55 0.44 0.67	10 10 10	7.5 0.0 T	0 0 0 6 7	10	2 3 4 5	1 0 1	0 0 0
MOUNTAIN HOME C OF ENG NARROWS DAM NASHVILLE PEACH SUBSTA NIMROD DAM OKAY OZARK	AM AM AM AM	48.3 54.1 53.2 53.3 57.6 52.6	25.1 29.1 31.7 23.3 35.4 31.8	36.7 41.6 42.5 40.8 46.5 42.2	1.5	75 72 71 72 74 72	5 5 4 1+ 4	7 29 14 29 14 29 15 29 16 29 12 29	691 743		0 0 0	23 18	00000	0.83 2.26 2.73 2.28 1.27	- 2.23 - 1.77	0.34 0.77 1.29 0.68 0.46	10 15	0.0 0.0 0.0 0.5	0 0 0		4 4 5 5 4	1 2	0 0 1 0 0
PARIS PERRYVILLE ROGERS RUSSELLVILLE SHERIDAN TOWER SILOAM SPRINGS	АМ	53.6 54.5 48.3 53.3 57.9M 47.5	31.4 31.0 29.6 31.3 31.3M 25.5	42.5 42.8 39.0 42.3 44.6M 36.5	2.9 1.9 2.5	74 71 67 73 75 66	4 3+ 4 4 3+ 4+	14 29 10 29 10 27 13 29 20 22 10 29	692 683 + 800 696		0 0	19 18 23 20	00000	1.36 2.18 0.83 1.23 1.96 0.95	- 2.22 - 1.81 - 2.50	0.52 1.05 0.33 0.52 0.65	10 15 10 10 27	3.0 4.0 1.0 0.0 4.0	3 T 0 3	10 10 10	4 4 4 3 5 3	1 2 0 1 1	0 1 0 0 0 0 0
SUBIACO TEXARKANA WB AP TURNPIKE WALORON WHITE ROCK	R //	53.8M 54.3 43.5 54.0 45.3M	32.2 35.7 28.8 30.3 28.8M	43.0M 45.0 36.2 42.2 37.1M	1.6	72 72 65 70	4 4 4 3+	14 29 19 29 8 29 12 29 9 29	671		0 0	18 12 22 21	00000	1.26 2.38 0.64 0.92 1.67	- 2.21 - 2.74 - 3.54 - 2.82	0.53 0.82 0.40 0.40 0.58	10 18 10 15	0.0 5.5 T 10.0	0 0 5 T 8	10 10 11	6 2 3 4	1 0 0	0 0 0
DIVISION OELTA DIVISION				40.9	0.6									1.42	- 2.39			3.5					
ARKADELPHIA 8ALD KNOB 8ATESVILLE LIVESTOCK BATESVILLE L AND D NO 1 BLYTHEVILLE BRINKLEY CAMDEN 1 CORNING CROSSETT 7 S	AM AM AM AM	56.3 52.4 50.9 52.5 48.2 50.4 55.6M 47.4M 58.1	33.0 29.9 25.2 28.5 30.0 30.3 31.4 28.1M 33.3	44.7 41.2 38.1 40.5 39.1 40.4 43.5M 37.8M 45.7	0.9 - 0.8 - 1.6 - 1.0 - 0.2 0.8	72 70 74 69 75 71 75 72	3 4 5 5 5 6 5 6 3	15 29 10 29 5 29 7 29 12 29 11 29 14 29 12 27 14 29	732 826 752 793 755 648 849		0 0 0 0 0 0 0 3 0 0 0 0	26 23 20 22 21	00000000	2.25 0.67 0.89 0.81 1.78 1.69 2.73 1.25 3.90	- 2.38 - 3.55 - 3.65 - 3.51 - 2.16 - 3.03 - 1.68	0.60 0.52 0.30 0.32 0.92 0.36 0.78 0.52	10 10 10 15 10 10	0.0 0.0 6.0 2.0 0.0 0.0 4.0	0 0 2 0 0	10	5 1 4 3 5 6 5 6 5	2 1 0 0 1 0 3 1 3	0 0 0 0 0 0
CUMMINS FARM DES ARC DUMAS 1 EL DORADO CAA AP FORDYCE 6 W HELENA JONESBORO KEO	АМ	52.5 55.3 56.5 55.5 53.2 49.4 54.0	30.4 33.3 34.3 35.1 33.3 31.4	41.5 44.3 45.4 45.3 43.3 40.4 43.2	- 0.2 - 0.8 0.6 0.2 0.2	72 75 74 71 70 72 74	5+434444	13 29 16 29 16 29 16 29 15 29 12 29 15 29	633 600 603 668 755		0 0 0 0 0 0 0 0 0 0	17 12 15 17 18	0000000	1.68 2.58 3.06 2.56 1.60 1.08	- 2.40 - 1.53 - 2.53 - 3.88 - 3.94	0.52 0.77 0.70 0.66 0.41 0.30	10 18 10 19 15	0.0 T 0.0 0.0 0.4 1.0	0 0 0 0 T 1	27+ 19	4 5 9 7 5	1 3 3 1 0	0 0 0 0 0
MAGNOLIA 3 N MARIANNA MARKED TREE MONTICELLO NEWPORT PARAGOULD	AM AM	57.0 50.4 48.2 56.6 52.0	34.9 31.1 28.0 34.4 28.0	46.0 40.8 38.1 45.5 40.0	- 0.8 - 1.6 - 0.6	72 71 74 73 75	3+ 5 5 1+ 4	15 29 14 29 10 29 13 29 7 29	583 742 825 597		0 0 1 0 0	14	000000	2.47 1.83 1.33 2.86 1.27	- 2.37 - 2.86 - 4.10 - 3.68	0.82 0.47 0.38 1.09	10 19 19 10	0.0 T 2.0 0.0	0 0 2 0	19	6 6 4 5 3	2 0 0 3	0 0 0 1
PINE BLUFF PINE BLUFF CAA AP POCAHONTAS 1 PORTLAND PRESCOTT SAINT CHARLES	AM AM AM	55.5 53.4 50.5 54.3 53.5 51.7	35.1 33.5 28.5 32.9 32.2 30.7	45.3 43.5 39.5 43.6 42.9 41.2	0.8 - 2.9 - 1.6	75 74 77 74 73 74	4 4 4 5 5 5 5	18 29 18 29 8 29 19 29 16 29 14 29	+ 658 679 730		0 0 0 0 0	14 17 22 18 20 23	00000	2.46 2.39 0.92 3.81 2.05 1.70	- 2.77 - 3.40 - 0.94 - 2.69	0.62 0.52 0.33 1.20 0.55 0.38	10 11 19 10	7 7 4.5 T 0.0 0.1	0 0 0 0 T	27	7 8 3 7 5	2 1 0 3 1	0 0 0 1 0
SEARCY STUTTGART STUTTGART 9 ESE WALNUT RIDGE CAA AP WARREN WILSON WYNNE	Ам	52.8 53.9 50.9 48.0 57.0 50.5 50.9	30.2 33.7 31.9 29.7 34.6 30.5 30.4	41.5 43.8 41.4 38.9 45.8 40.5 40.7	0.9 1.0 0.0 0.9 0.1 - 0.3	71 74 72 75 74 71	4 4 5 4 4 4 5	11 29 17 29 18 29 12 29 17 29 14 27	723 804 591 + 753		0 0 0 0 0 0 0 0	21 19 22 22 15 22 21	000000	1.17 2.06 2.02 1.75 2.15	- 3.60 - 3.13 - 3.90 - 2.72 - 3.61	0.36 0.43 0.50 1.11 0.60	15 15 10 10 10	T 0.0 0.0 3.5 0.0	0 0 0 2 0 0 0	11	4 7 6 4 5	0 0 1 1 2	0 0 0 1 0 0
01V1S10N				42.2	0.4				1.77			- 1		1.95	- 3.03	3.01	10	0.8				1	Ü
STATE				41.5	0.5									1.68	- 2.69			2 • 2					

### ### ### ### ### ### ### ### ### ##	300 31
### ### ### ### ### ### ### ### ### ##	
ALCIA ALUM FORK 1.79	
APLIN 1.68 0.00 7 7 0.00	
AUGUSTA 8ALO KNOB 8ATESVILLE LIVESTOCK 8ATESVILLE LIVESTOCK 8ATESVILLE LAND DN 0 1 081 022 BRATY LAKE 8ALO KNOB 8ATESVILLE LAND DN 0 1 081 022 T T 1 1 0 05 122 16 REATE VILLE LAND DN 0 1 081 022 T T 1 0 05 122 16 REATESVILLE LAND DN 0 1 081 022 T T 1 0 05 122 16 REATESVILLE LAND DN 0 1 081 022 REATESVILLE LAND TO 0 1 0 0	
SEAVER 1-7	
BENTONVILLE	
SLAKELY MOUNTAIN DAM 1.52 T T 0.05 .71 .03 .23 T .33 T .10	
### BRADFORD ####################################	
CALICO ROCK CAMOEN 1 2.73 .05 T T .08 .36 .26 .09 CAMOEN 1 2.73 .05 T T .56 .76 .47 .52 .35 .35 .26 .35 .35 .26 .35 .35 .35 .35 .35 .35 .35 .35 .35 .35	
CLARKSVILLE 1.44 .02 .06 .02 ,44 .04 .31 .53 T T .02	
COLO SPRINGS 1.09 T .04 .65 .05 .50 .45 T .08 CONNAY 1.12 T .02 .03 .46 T .00 .19 .04 .08 .08 .12 .12 .12	-
COTTER 1.03 .03 T .39 .27 .06 .28 T T COVE 1.05 .10 .01 .05 .51 .03 .27 .20 .20 .21 .20 .21 .20 .21 .20 .21 .20 .21 .20 .21 .20 .21 .20 .21 .20 .21 .20 .21 .20 .21 .20 .21 .20 .21 .20 .21 .20 .20 .20 .20 .20 .20 .20 .20 .20 .20	
OAISY 1.86 .05 .02 .04 .14 .63 .54 .32 .12 .04 .04 .04 .05 .02 .04 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	
05RMOTT	
EUDORADO CAR AP 3.06 01 T 2.28 18 53 225 T 58 70 01 13 10 29 EUBRA SPRINGS 1.15 T 3.66 38 10 T 58 7 T 7 T 7 T 7 T 7 T 7 T 7 T 7 T 7 T 7	
FAYETTEVILLE EAP STA 1.13 T .18 T T T .00 T .04 .08 .17 T T T T T .00 T .00 T .04 .08 .17 T T T T T T T T T T T T T T T T T T T	
FT SMITH WATER PLANT 1.65 .28 .11 .90 .28 .08 .70 .39 .70 .39 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70	
GENNOO	
GREEN MOUNTAIN 1.56 GREEN MOUNTAIN 2.56 GREEN MOUNTAIN 2.56 GREEN MOUNTAIN 3.8 GREEN MOUN	T
HARRISON 1.09 .07 .80 .08 .14 T T T T T T T T T T T T T T T T T T T	
HQPE 1.54 T .03 .24 .55 .02 .05 .55 T .10 .10 .14 .16 .16 .16 .16 .16 .17 T .10 .17 T .15 .56 .74 .34 .34 .34 .34 .34 .35 .35 .35 .35 .35 .35 .35 .35 .35 .35	
NOEX	
LAKE CITY 1.11 T T T .20 .23 .24 .23 T .21 .15 .15 .16 .05 .1.05 T .45 T T .26 .15 .15 .15 .16 .16 .17 .10 .15 .16 .17 .10 .10 .17 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10	Ţ
LITTLE ROCK NB AP R// 1.49 *01 T .06 T .02 .04 .56 .01 .24 .26 T T T .27 T .17 LITTLE ROCK FILTER PL 1.53 .02 .05 T .02 .04 .50 .12 .25 .06 .08 .01 .01 .00 .00 .00 .00 .00 .00 .00 .00	
LORTON - 6-1 - 0 - 15 - 20 - 16	

Table 3—Continued	al	T	_		_										Da	y of n	onth																
Station	Total		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARKED TREE MARSHALL MARVELL MELBOURNE MENA	1.3	2 -	03	-	- T	T	-	T - .03	-	_	.07 .03 .15	•23 •71 •25 -	.31	-	-	-	.31 .09 .42	-	-	_ T	.38 .16 .40 -	-	- T	-	-	-	-	-	T - •04	-	-	-	-
MONTICELLO MOROSAY L AND 0 NO 8 MORRILTON MOUNT 10A MOUNT MAGAZINE	2.8 2.9 1.2 1.5	7 4 T	.02					*11 *14 T		*11 T	.16 T	.44	•15 •12			Т	.59 .53 .32 .25	.10		•14	.63 .26 .33		.10	• 03				. 44	.48 .07 .03				
MOUNTAIN HOME MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY NARROWS DAM	1.0 .8 1.4 1.2 2.2	3	.04			• 02	Т	T • 02			.02 .03	.35			1		.08 .10 .12 .29			т	• 24 • 12 • 45 • 26 • 47		т						T •05				
NASHVILLE PEACH SUBSTA NATHAN NEWHOPE NEWPORT NIMROO OAM	2.7 1.7 1.6 1.2	1	.02		T 7	• 0 4 T	.02	.03 T T	Т	T •15	.65	.04 .05	•28				1.29 .62 .60 .31 .35			.03	.43 .35 .40 .26		.02						.09 .02 T				
OOELL OOEN OKAY OSCEOLA OWENSVILLE	1.7 1.2 2.2 1.2	3 T 8 9 T		Ŧ	•01 T	T Ŧ	• 05 T	.37 7 T		•02	.10 .60 .32 .18	.14	•03 •34 •02		Т		.42 .25 .47 .35			.05 .63	.18 .26 T .28	т		т					.03				
OZARK PARAGOUŁO PARIS PARKIN PERRYVILLE	1.2 - 1.3 1.6 2.1	6		-	~	-	T T T	-	-	-02	T -	.52 .32 .70	•39	-	-	- •13	.49 .72 1.05	-	-	•20	•22 - •46 •30	-	-	-	-	-	-	-	-	-	-	-	-
PINE BLUFF PINE BLUFF CAA AP PINE RIOGE POCAHONTAS 1 PORTLANO	2.4 2.3 1.1 .9 3.8	9 • 4 2 T	04		Т	T T T	.16 T			T •32	.47 .19 T .05	•52 •51 •18	.12 .04 .33			•08	.33 .26 .26 .07			•24	.12 .25 1.20	Т	T •20	₹ • 22				• 35	.62 .24 .03	•07			
PRESCOTT RATCLIFF RISON ROGERS RUSSELLVILLE	2.0 1.3 2.6 .8 1.2	0 0 .	.09		т	т	.15	•05		.01	.68	+58	.05	Т		.01	.45 .49			.12 .20	.48 .23 .30 .20								.36				
SAINT CHARLES SAINT FRANCIS SEARCY SHERIDAN TOWER SHIRLEY	1.7 .5 1.1 1.9 2.4	7 .	03				T T	.01 T			.19 .07 .01 .23	.30	.11 .30 .32			• 38	.30 .05 .36			• 22	.37 .10 .15			Т					•34 T •65				
SILOAM SPRINGS SPARKMAN STAMPS STAR CITY 2 S STEVE	2.1 3.1 2.6	0 .	04		Т	Т	Т	.27 .24 .12			.40	.31 .60 1.12 .85 E-10	•12				.06 .48 .47	• 30		Ť •50	.25 .40 .27 .33		• 03						• 40 • 03 • 37				
STUTTGART STUTTGART 9 ESE SUBJACO SUGAR GROVE TAYLOR	2.0 2.0 1.2 1.4 3.4	2 • 6	02			T	.03	.14			т	.42 .50 .53 .14 1.06	.20			.10	.43 .47 .45 .60			•36	.23 .23 .18 .25	Т	.05	Т					.41 .48 T				
TEXARKANA WB AP R// TURNPIKE VIOLA WALORON WALNUT GROVE	2.3 .6 1.2 .9 1.6	6 2			T		• 07 T			•21	.40 T	.45 .40	.23			• 22 T	.08 .21 .40			.82 .03	.42 .03 .39	.02	.01					.10	Т				
WALNUT RIDGE CAA AP WARREN WASHITA WHITE ROCK WHITECLIFFS	1.7 2.1 .8 1.6	5 T 0 7		.10		т	T	.16		•16 •02	.58	1.11 .60 .20 .58	•09			•03	.14 .30 .29			•20 •42	.30 .14	Т	.04 T					.09	.33				
WILSON WYNNE YELLVILLE	1.5		04			.02				.06		• •61 •47	•85 •38				.49 .41			.39	- 24												

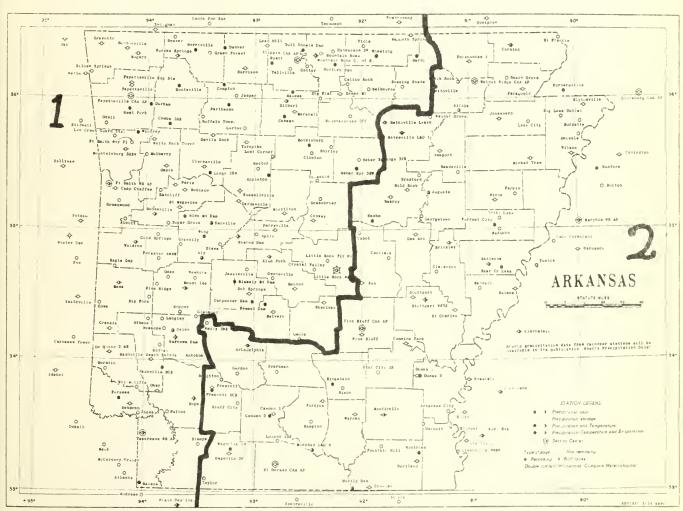
Table 5		1						_	ט.	AI	LI	11	C IV.	Pr						_											JANU	ARY	1955
Station															1	Day	10	Moni	th			- 1											erage
	T .	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Av
ALUM FORK	MAX	65	65 33	66 45	68 54	50	62 48	53 30	52 40	50 45	4.8 3.2	49 26	52 29	21	23	39	33	57 27	56 36	34	26	31	51 32	22	51	56 24	5.5 3.5	22	23	11	49 28	27	53.5 32.1
ARKADELPHIA	MAX	51	69 35	72 48	71 48	68 54	40	50 29	54 42	52	36	29	30	48 26	21	53	57 35	64 28	51 39	37	30	33	55 25	5 0 25	58	59 25	58 28	52 30	52 25	50 15	58 23	66	56.3 33.0
ASHDOWN	MAX MIN	51	68 33	55	72 50	78 56	64 36	48 27	54 42	49	45 34	47 27	56 32	58 24	50 30	52 43	34	60 29	58 42	45 32	39	54 3 I	51 28	47 23	48 25	5 7 2 3	61 31	54 36	51 26	52 14	57 24	36	55.8 33.9
RALD KNOR	MAX	65 46	65 31	64	70 50	69 53	65 43	49 29	53 37	52 40	46 33	41 27	53	49 20	40 19	50 37	52 31	57 27	53 36	39 32	37 24	53 31	50 25	43 20	53 20	52 23	57 23	55 19	45 20	10	43 23	23	52.4 29.9
BATESVILLE LIVESTOCK	MAX	59 33	66 29	62 29	71 46	74 51	67 40	53 21	48 22	51 38	51 31	51 25	37	47 17	40 19	41	5 U 2 B	51 30	55 32	54 29	36 23	39 25	55 26	46 16	17	54 23	54 24	57 12	34 14	42 5	47 10	43 20	50.9 25.2
BATESVILLE L AND D NO 1	MAX	65 45	63 28	68 41	72 55	69 51	68 43	48 22	53 35	64	49 32	39 26	48 26	48 21	40	37	5 1 2 8	56 27	51 30	38 32	37 24	54 31	52 21	41 16	51 20	52 20	57 29	56 15	42 18	45 7	4 1 2 0	59	52.5 28.5
BENTON	MAX MIN	65 48	65 30	64 43	72 44	69 52	64 39	50 25	55 39	51 44	47 32	41 28	58 26	45 22	47 18	51. 39	52 32	5 9 2 4	50 35	45 35	36 24	55 31	49 22	47 17	55 20	55 20	56 23	52 25	48 21	48 11	48 22	63	53.6 29.5
BENTONVILLE	MAX	60 38	62 28	67 48	67 58	66 47	47 32	47 20	52 30	43	37 28	41 18	45	37 14	46 27	46	5 2 3 4	57 39	45 32	33 27	3 3 2 8	24	43	38 16	43 27	50 22	56 33	40 10	34 17	45	46 21	57 29	47.7 27.9
REALMENITE	MAX	53 39	63	68 46	59 46	75 40	68	46 29	53 32	51 41	50 35	38 31	32	50 19	40	40	40 35	55 33	60 34	42	30 29	41	50 30	48 24	42 28	53 28	50 29	53	30 15	41	33 15	41	48.2 30.0
BOONEVILLE	MAX MIN	65	65 30	72 53	71 58	71 56	61 38	51 34	52 39	49	44 32	44 23	50	40 19	49	52	53 37	5 B 3 1	51	41	39 31	51	44	43 19	51 24	58 24	60 28	55 24	42	51 12	53	66	53.3
BRINKLEY	MAX MIN	55 41	65 31	66	64 52	70 55	71 44	47 26	50 32	55	5 O 3 S	37 24	38	5 5 2 2	39 23	42	49	52 25	57	45 31	35 29	42	53	47	23	54 25	54 33	57	34	48 11	43	44	50.4 30.3
CAMDEN 1	MAX MIN	60	36	69 38	74 50	75 55	70 41	30	54 30	57	52 35	44	47	61	41	50	52	56 25	61	50 37	42 27	43	58 30	51 25	47	54	59 27	64	24	14	53 18	56	55.6
CAMP CHAFFEE	MAX MIN	62	66 26	74	74 51	73 62	65 3.8	50 22	56 34	5 5	47 31	43	50	48 19	39	49	52	58 28	52	40 32	3 7 3 2	49	46	44	49	56 27	6 C 2 5	58	40	47	50	66	53.4
CLARKSVILLE	MAX MIN	63	63	70 52	74 55	70 58	64	48	52 37	49	44	43	5 2	45	41	52	51	56	53	43	41	52	45	42	52	53	59 27	54	44	46	49	58	52.5
CONWAY	MAX	67	65	72	71 51	71	65	50	55	54	48	43	53	47	45	51	53	58	53	43	38	54	48	43	54	56	60	55	47	51	47	63	54.2
CORNING	MAX	55	64	60.	60	62	72	20	54	48	51	34	36	4.3	38	39	51	51	50	40	40	39	51	41	45	51	53	55	29	39	36	36	47.4
CROSSETT 7 S	MAX	74	70	76	74	72	70	54	30 56	52	32 47	48	64	61	47	30	53	63	58	46	45	57	55	20	58	56	26	60	13	50	57	64	58.1
CUMMINS FARM	MIN	51	36	47	55	58	44	32	37	47	38	29	30	28	21	40	32	27	39	36	27	38	29	26	19	24	23	32	21	14	23	30	33.3
DARDANELLE	MAX	67	65	71	74	70	65	50	54	5 3	49	45	52	45	40	54	54	57	51	45	40	54	46	45	53	57	61	54	45	48	51	64	54.2
DE QUEEN	MIN	65	32 67	72	55 76	56 72	60	26	43 52	54	32 52	26	28	21	24	38	35	60	3 8 5 5	35	40	57	31 51	23	56	26 59	60	56	49	15	2 7 5 8	30	32.6
DES ARC	MIN	53	30 61	55	63	57 72	72	47	40 59	55	33 52	25 39	40	23	23	41	51	32 53	58	55	33	56	22	19	54	20	29 57	58	25 34	14	25	35	32 • 8
DEVILS KNOB	MIN	39 60	33 59	70	52	56 59	56	29	30	42	39	27	30	21 37	21	29	34	28	30	32	30	29 58	21	39	29	29	50	23	36	13	18	50	30.4
DUMAS 1	MIN	40	43 72	49 72	53 75	54 74	31 68	27	34 52	33	26	19	23	11	25	31 52	53	32	31	25	22	25	21	15	25	23	37 56	10	20	8	21	26	28+1
EL DORADO CAA AP	MIN	49 72	35	47	49 73	57	39	30	39	45	36	31	63	26	52	38	35	27	3 7 5 0	32	30	34	28	25	27	29	33	29	25	16	25 59	27	33.3
EUREKA SPRINGS	MIN	62	36	51	60	55	37	33	45	42	34	28	37	23	23	42	33	26	39	35	29	41	33	24	23	28	33	28	26	16	26	36	34.3
	MIN	44	35	52	60	56	33	22	34	31	28	20	28	12	25	38	35	38	33	27	26	30	22	17	28	25	39	8	20	8	19	33	29.9
FAYETTEVILLE	MAX	60 45	63 29	53	67 59	50	33	23	34	32	3 8 2 8	19	31		43 28	46 32	35	57 38	32	28	33	31	38 23	38	28	25	38	12	35 18	11	23	58 36	30.2
FAYETTEVILLE CAA AP	MAX	61 34	63 28	55		65 37	27	50 23	50 32	32	34 25	39 10	20	38 14		32	33	3 3		29	29	32	39 24	38 17	30		26	14	10	9	20	38	47.8
FAYETTEVILLE EXP STA	MAX	46	63 30	48	68 59	65 59	33	48 24	50 34	31	3 9 2 8	41 14	28	14		4 8 3 0	30	56 37	33	27	32 28		41 24	38 17	27	24	52 36	12	23	45 11		33	48.6
FLIPPIN CAA AP	MAX	65 36	63 28	70	74 54	67 48	31	21	51 34	35	38 29	38 22	20	17	21		28	51 32	31	23	2	29	25	16	24	27	59 26	10	12	47	21	26	48.9 26.7
FORDYCE 6 W	MAX	69 50	67 38	70 51	71 53	69 61	68	49 30	56 40	5 1 4 5	46 35	45 31	5 8 3 5		28	41	51 35	60 30	55		23	55 36	54 30	46 26	31	55 27	62 38	30			52 28		55.5 35.1
FORT SMITH WØ AP	MAX	61 37	64 34	72 51	72 58	71 42	52 32	48 27	49 36	50 36	38 29	43 25	50 29		41 24	50. 38	51 35	57 35	46 35		38 33	48 33	4 3 2 7	43 23	28	55 27	58 30	41 22	40		52 24	64 32	50.7 31.2
FT SMITH WATER PLANT	MAX MIN	63 39	60 31	68 52	71 52	69 60	66 36	50 23	49 30	4 8 3 9	45 31	40 18	48 23	47 18	18	5 2 3 5	5 1 3 2	55 32	53 37		40 30	32	48 24	41 15	48 20	52 18	57 18	55 16	39 21	49 8	5 1 2 2	59 32	51.8 28.8
GILBERT	MAX MIN	68	66 23	69 40		70 46	67 39	50 17	51 31	4 6 3 5	44 31	41 29			47 10			57 23				53 31	47 26	11			59 21	49 13	36 16		47 19		52.5 26.3
GRANNIS	MAX	64 45	64	67 52	71 56	68 57	62 34	50 28	5 0 3 6	50	47 31	41	55	46	45 23	5 4 4 0	52 38	58 33	5 4 4 1		3 8 3 0	54 31	46 28	46 22	46		57 32	53 27			57 29		53.2 32.7
GRAVETTE	MAX MIN	61 41	64	65 50	66 58	66	4 ₄ 7 30	46	5 1 3 1	44	38 28	41			45 25		5 2 3 4		47 30		32 29	46	38 20	39 12	42	5 1 2 1	5 7 3 4	41	34 17		5 O 2 2		48 • 0 27 • 3
GREEN MOUNTAIN	MAX	52	36	30			30	46	30	46	50	40	- 1		38	42	48	5 U 36	47 30	3 8 2 2	34	38	48	40	36 18	40	26		34 10	30	8	40	25 . 8
HARRISON	MAX MIN	64		67		67 52		49	48	50	44	41	44	40 16	47	47	52 30	52 32	48	3 2 2 8	33	45 30	45 25	41	45	5 2 2 5	58 29	46	37	47	45	58 28	49.4
HELENA	MAX	69	68	63	70 55	69	68	48	54	53	49	38	55	52		49	49	57	57	40	38	- 1	50	45	53	52	59 35	58	47	44	42	59	53.2
HOPE	MAX MIN	60	68	66		72	68	47 30		53	50	44	48	57	47	49	51		61	45	43	40	50	46	47	55	58 29	61	45	52	51	56	53.8
	MIN	-	36	44	23	,,	90	30	36	7.2	25	2.0	30	23	2)																		

DAILY TEMPERATURES

ARKANSAS JANUARY 1955

Table 5-Continued		1								7.7.3.3	1111			11.1			Of														JAN	JARY	
Station		-	Γ.			-	-	,	0	_	1,0	,,	12	12			16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
WOT CODINGS	MAX	1 65	67	62	70	65	65	7	52	51	10	41	12	13	45	15	53	61	56	42	40	55	49	46	54	55	55	53	47	47	53	62	53.7
HOT SPRINGS JONESBORO	MIN	50	41	53	57	60	38	31	40	44	32	29	33	22	30	39	36 48	31 53	30 47	35	28 36	33 52	32 47	25	31 52	23	30 55	25! 51	30 41	17 35	32	31 57	34 • 6
KEO	MIN	67	38	44	55	56	43	29	35	42	33	27	26	20	22	35	33	31 58	36 56	28	29 36	29 57	31 49	22	27 56	55	35 61	14	22	12	24	64	31.4
	MIN	47	31	45	51	55 70	40	28	41	46	33	32	29	24	24	3 9 5 0	53	26	35	33	28	32	29	23	27	26	30	26	25	15	25 42	26	32.4
LEAO HILL	MIN	34	25	72 45 64	54	53	33	19	29	34	30	28	20	15	20	30	30	34	32	25	25	29 56	22	12	20	21 56	21	12	19	7	12	63	26.2
MAGNOLIA 3 N	MIN	45	36	50	53	50	37	33	42	39	33	33	30 61	25	23	41	36	3 U	35 56	30 42	30	36 58	30 57	25 48	29 56	29 58	32 62	25 59	23 53	15 50	29 57	29 65	33.3
	MIN	50	36	53	53	58	39	31	42	40	36	29	37	26	24	41	53	31	41 57	35	29	36 56	30 53	28	28	26 56	35 56	35	28	15	52	36 64	34.9
MALVERN	MIN	52	35	42		47	40	31	41	41	34	30	30	25	22	41	36 53	28	39	37	26	34 52	25	21	23	23	28	28	26	15	25	25	31.7
MAMMOTH SPRING	MIN	65 41	63 36	71 40	52	68 48	39	20	31	38	30	23	22	17	19	34	30	28	33	28	19	30	29	13	18	19	23	59	19	8	19	20	26.9
MAR I ANNA	MAX	40	68 35	68	52	71 54	70	48 29	31	55 41	52 37	38 27	37 29	55 22	23	29	34	29	32	31	29	29	52 28	29	26	26	32	22	21	14	18	28	31.1
MARKEO TREE	MAX	52 36	65 34	63 36	63 46	74 53	71	48 28	46 29	39	50 31	35 27	35 28	20	35 19	23	34	48 29	56 29	29	37 29	29	51 28	21	23	53 25	51 25	58	28 16	10	10	38	48.2
MARSHALL	MAX	64 43	65 29	68 43	72 53	67 55	37	53 21	5 0 4 0	36	41 30	39 27	31	42 16	45 25	47 34	32	56 34	33	33 29	32 22	51 29	28	41 15	50 24	22	58 37	12	58 24	52 8	46 22	59 30	51.5 29.7
MENA	MAX MIN	63 47	65 34	68 53:	69 59	65 57	57 35	50 31	50 39	48	43 31	41 23	51 34	45 19	46 28	5 1 3 9	52 38	60 32	51 39	29	35 30	51 31	42 28	21	51 28	56 27	54 28	49 26	43 29	49 15	57 31	33	51.8 33.5
MONTICELLO	MAX	73 49	71 37	72 46	73 57	71 58	68 40	49 30	54 36	53 39	46 35	45 30	63 41	56 26	46 24	50 38	52 35	61 28	59 39	46 33	42 29	55 34	53 30	54 31	56 33	57 32	60 35	58 29	51 25	13	52 24	61 29	56.6 34.4
MORRILTON	MAX	66 46	64 31	72 45	70 48	69 56	65 40	50 26	55 41	53 45	47 32	43 26	51 29	47 23	46 20	50 40	51 35	57 25	52 55	4 ± 35	40 25	52 31	48 32	44 24	51 24	55 25	59 28	54 23	45 21	50 11	47 25	63 25	53.5 31.4
MOUNT IDA	MAX	60 44	66 26	61 30	67 51	69 54	68 36	48 21	50 25	52 40	50 32	49 22	48 22	55 19	45 18	48 39	51 34	52 22	59 30	43 33	40 30	41 30	54 22	47 16	43 15	54 19	58 24	54 28	47 21	41 10	51 12	54 24	52.4 27.4
MOUNT MAGAZINE	MAX MIN	56 42	5 5 4 6	61 49	60 54	58 54	56 29	43 29	45 35	43	36 26	33 18	39 29	35 9	39 27	42 34	48 31	48 31	31	40 28	32 21	38 24	34 20	34 16	39 26	46 23	51 39	46 16	32 19	41 9	45 26	55 31	44.3
MOUNTAIN HOME	MAX	65 41	60 29	70 43	75 55	68 51	64 37	48 22	50 33	45 35	43 30	37 27	45 22	41 16	41 21	4 8 3 2	50 30	50 34	46 32	33 27	31 18	48 30	41 27	39 15	46 21	54 25	59 28	50 10	36 20	45 8	40 20	52 26	49.0 27.9
MOUNTAIN HOME C OF ENG	MAX	59 29	64 30	61 30	71 46	75 51	67	50 21	49 21	50 32	44 30	35 27	37 20	46 16	39 17	43	49 30	50 31	50 36	42 28	34 20	36 24	49 28	41 16	40 16	47 29	54 26	5 8 9	34 9	36 7	46 9	41 21	48.3 25.1
NARROWS OAM	MAX M1N	61 40	67 32	67 32	65 49	72 50	68 35	50 29	51 32	53 41	54 36	43 26	43	59 25	47 20	47 30	55 37	56 27	60 31	50 35	43 31	39 31	57 22	47 19	50 20	5 7 24	57 20	57 27	49 22	45 14	50 14	5 7 2 3	54.1 29.1
NASHVILLE PEACH SUBSTA	MAX M1N	62	66 39	65 42	66 52	71 56	70 35	49 32	49 35	51 41	52 34	44	43	59 23	45 24	4 7 3 3	54 39	54 34	59 36	46 32	42 30	39 30	54 29	48 22	47 24	53 25	56 26	57 32	47 27	49 14	50 16	55 30	53.2 31.7
NEWPORT	MAX	66 42	64	67 43	75 51	74 50	61	48 26	54 33	52 41	43 28	39 25	52	45 18	41	50	53 32	58 27	44 30	38 26	39 25	53 27	49 25	42 21	55 22	54 21	56 28	51 13	45 19	43	40 21	62 19	52.0 28.0
NIMROO OAM	MAX MIN	64 37	67 29	7D 29	72 49	70 53	70	49	53 25	54	49	40 25	43	51 21	44 18	49	53 31	53 24	61	48 35	45 23	42 28	53 25	46 20	45 21	52 26	56 28	60 23	43	45 15	54 25	52 25	53.3
OK AY	MAX MIN	74 52	73 34	70	74 49	71 59	67	50 28	54	53	50 37	47 29	62	53	5 0 2 5	59 43	55 39	62 32	60	48 35	41 31	56 35	51 29	48 25	55 30	58 28	60 31	5 9 3 6	53 27	51 16	57 25	65	57 • 6 35 • 4
OZARK	MAX MIN	63	65	70 53	72	71 57	61	49	51	50	48	44	53	45 17	41	51	52 34	56 36	52	44	41	53	45 28	44	44	54 29	60	50	43	49	51	58 32	52.6
PARAGOULO	MAX		,,,		,,,	,	33	2.5	54	7,	32	24	20	17	20	,,		30	,,,	,		-		4.9		.,	20		-		20		31.0
PARIS	MAX	55 40	67 31	73 47	74 53	72 57	63	61 25	51 38	58	46	44	52	45	40	51	54 33	59 28	49	43	40	50	45 29	43 22	50 28	55 27	60 28	53	43	48 14	53 24	64	53.6
PERRYVILLE	MAX	66	69	71		71 58	66	52	56	56	48		54		49		54	60	50	45	40	54	46	46	54	58	61	55	41	40	50	64	54.5
PINE BLUFF	MAX	71 45	67	69	75	72	69	49	59	52	46	27	59	56	16 47	36 51	52	55	48	36	41	59	50	48	56	57	62	55	50	49	49	65	31.0 55.5
PINE BLUFF CAA AP	MAX	70	66	68	74	72	55	32 48	58	51	43	40	3 2 5 8	40	25 46	50	53	59	36	35	40	58	50	27 46	56	56	36 60	46	50	48	47	62	35 • 1 53 • 4
POCAHONTAS 1	MAX	64	35 64	65	77	69	64	50	50	50	50	33 36	32	26 40	25 39	50	50	51	36	38	31	55	50	25 42	54	28	35 58	49	40	18 35	37	55	33.5
PORTLANO	MIN	56	70	70	71	51 74	70	26 48	39 53	56	31 51	27 48	50	17	20	37 47	30	29 53	62	47	29 48	30 45	24 57	18	46	20 57	24 57	61	50	53	21	52	28.5
PRESCOTT	MAX	60	39 69	66	53 72	56 73	68	32 48	32	55	45	28 45	30 45	28 57	20 45	25	34 52	29 54	62	34	32 41	33	33 56	29 46	25	26 55	30 57	60	26 43		19	55	32.9
ROGERS	MIN	61	35 63	35 65	53 67	53 65	40 58	31 48	31 50	43	37	29	30	25 38	26	32	37 46	2 9 5 7	50	35 34	32	29	32	27 39	27 43	28	28 57	34	30 35	16 45	17	27 58	32 • 2
RUSSELLVILLE	M1N MAX	41 65	30 63	70	58 73	56 70	32 68	23 52	32 53	31	29	20	29	14	26	52	34 50	39 56	33 53	28 45	28	30 51	22 47		27 51	24	34 58	10	28	10	21	32 63	29.6
SAINT CHARLES	MIN		31 70	47	54	55	73	25	42	57	32	25	27	20	20	37	33	27	38	35	25	31	28	20	25	27	26	22	20	13	24	29	31.3
SEARCY	MIN	41	31	37	50	56	42 62		31	42	37		29	24	23	28	35	26	27	31		30			24	26	30	26	23	14	19	26	30.7
SHERIDAN TOWER	MIN	45	34	45	51	54	42	27	39	42	31	29	26	48	21	33	32	26	33	39		30	28	20	21	59	58 26	18	21	11	45 26	22	52.8
	MIN	42	35	75 45	75 45	70 57	64	30		35	48	49 27	58 32	5 1 2 2	48 26	38	52 29		34		32	28	20	24	24	57 25	33	26	52		26	28	57.9
SILOAM SPRINGS	MIN	54 34	30	32	66 55		32	22	25	30	28	37 17	39 17	43	38 12	43 32	47 31	51 36	55 38	25	26	28	45 21	39 16	18	45 22	51 21	11	11	30 10	15	23	47.5 25.5
STUTTGART	MAX	70 49	65 36	49	74 56	73 57	67 42	49 31	56 41	53	48 34	39 30	56 31	48 24	41 25	50 29	51 36	58 30	51 35	40 32	37 31	56 33	50 30	46 25	55 27	54 27	60 31	57 27		45 17	46 28	64 29	53.9 33.7
				-			-			-			}			1																-	

Table 5 - Continued																	011														JANU	ARY	1955
Station																Day	Of	Mon	th														age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
STUTTGART 9 ESE	MAX	54	6 B 3 4	66	69 50	7 2 5 7	72 42	47 31	48	55	51 37	3 8 3 0	38	54	37 24	4 2 2 7	50 36	50 29	59	46 32	8 د ن د	41	54 29	48 25	46 25	53	59 30	54 29	35	41	45	24	50.9
SUBIACO	MAX	64	67 36	71 49	72 54	71 61	69 38	50 30	50 39	48	48 31	4.4 25	52 24	5 0 2 0	49 21	5 1 3 5	54 36	5 d 3 4	53 39	43	41 29	49	48 22	43	28	24	29	57 22	43	47	53 29	62	53.8 32.2
TEXARKANA W8 AP	MAX	68	68 38	68 59	72 58	68 48	49 35	49 31	52 44	51 40	45 32	48 29	58 40	45	5 O 3 3	5 2 4 3	55 28	63	47 33	4.J	4 J 3 U	55 38	34	46 27	54 30	57	61 39	48 34	52 24	54 19	59 31	64 37	54.3
TURNPIKE	XAM NIM	59 42	59 45	60 50	65 55	59 50	58 55	43 27	43 34	42 36	36 27	34 20	35 21	33 13	39 27	4 2 2 8	31	50 33	39 29	33 25	3 U 2 2	38 25	35 25	3d 17	44 25	45 25	39 31	39 10	34 22	34 8	47	52 28	43.5
WALDRON	MAX	66	65 27	70 52	70 56	70 58	66 37	54 22	53 39	50 42	46 31	43 21	48 27	47 17	50 20	53 39	53 33	59 27	57 38	4 J 2 9	37 30	50 32	48 22	45 18	50 20	58 22	58 24	54 23	40 22	53 12	56 21	66 32	54.0 30.3
WALNUT RIDGE CAA AP	MAX	63	61 33	62 43	75 55	68 53	56 32	47 26	5 0 3 9	4 9 3 8	39 27	35 30	43 20	37 18	39 26	5 O 3 S	50 32	52 30	4 u 3 u	38 28	33 30	53 33	26	39 20	5 l 2 7	52 26	56 32	4 ا اد 1	38 10	38 12	3 8 2 2	57 23	48.0 29.7
WARREN	MAX	72 48	69 37	73 47	74 57	73 59	69 42	52 31	57 41	51	51 39	45 31	63 34	5 2 2 4	51 29	55 34	53	61 24	52 38	46 38	42 28	57 30	53 3a	52 25	57 27	55 31	55 31	52 3~	58 28	>2 17	5 3 2 5	63 28	57±0 34±6
WHITE ROCK	MAX	59 43	58 41	60 50	63 55	60 53		53 28	42 36	4 2 3 3	37 26	34 19	28	38 12	39 25	45 31	43 31	51 33	45 31	33 25	2 y 2 2	45 25	21	38 17	45 25	45 23	51 38	47 10	3 ± 2 1	4.5 9	48 23	50 30	45 + 3 28 + 8
WILSON	MAX	63	68	59 46	71 47	68 48	57	46 29	5 0 3 2	52 39	46 32	40 32	30	47 20	41 24	37	57 35	49 29	29	40 29	30	50 30	4.6 30	42 24	53 29	53 28	53 26	53	24	33 14	4.5	24	50.5
WYNNE	MAX NIM	65 47	65 35	61 45	69 56	71 56	67 36	50 27	51 34	52 39	46 32	36 26	5 1 3 0	42 21	40 23	4 8 3 4	50 32	57 26	48 32	35 30	35 24	52 29	46 27	39 19	52 24	50 24	57 33	53	20	10	%1 21	60	50.4 30.4



Beginning with this issue, the data in Table 2 will be divided into two divisions—the Highland Division, No. 1, and the Delta Division, No. 2, as shown on the above map.

EVAPORATION AND WIND

																	Day o	of mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLAKELY MOUNTAIN DAM	EVAP	*	*	.14 159	.00	.00	.00	* 49	* *	*	.10 151	* 73	* 40	* 121	* 31	*	*	* 96	.27 63	.04	* 58	.05 71		*	*	* 246	* 39	* 70	* 33	*	*	.72 216	1.32 1776
HOPE 3 NE	EVAP WIND		.09			.04			.05		- 76	.15		.05	.09			.06			.06					.02	.07				.16		2.738 901
NARROWS DAM	EVAP					.02			.04		.12 41		* 20	* 63		.11		.06			.04			* 40	* 20	# 54	* 17	. 37		* 58	* 31		1.42
NIMROD OAM	EVAP		.09			.06			* 25	.12	_ 13	12	_ 26	124	17	-	- 3	- 5	12	_ 15	13	40	- 43	- 68	- 40	111	- 39	_ 35	_ 14	- 70	_ 23	39	1128
STUTTGART 9 ESE	EVAP					.03 54					.07 49	* 57:	* 23		*		.06 16			63		-04 59		* 55	* 27	109	.26 47	.06 70		52	- 52		1.118 1513

SNOWFALL AND SNOW ON GROUND

Table 7		_			-		**1	71,	بادا			رن			_	114	GI		O1													
Station				_		_	1	_	_	1]			of m	T	T										· ·		Ι	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
8LYTHEVILLE	SNOWFALL SN ON GNO																			2.0	-											
CALICO ROCK	SNOWFALL SN ON GND										3.5	2.0	Т							-												
CORNING	SNOWFALL SN ON GNO										1.0	1.5								1.5	_											
DANVILLE	SNOWFALL SN ON GND										1.5	Т																				
DUMAS 1	SNOWFALL SN ON GND																											Ť				
EUREKA SPRINGS	SNOWFALL SN ON GNO								T		4.0								-													
FAYETTEVILLE EXP STA	SNOWFALL SN ON GND						Т				6.3	т	_	Т					Т	Т	Т				Т							
FT SMITH WE AP	SNOWFALL SN ON GND							i			5.5	т								Т												
GILBERT	SNOWFALL SN ON GND										4.0	3.0	Т	ī	Т	T	т			Ţ	Т											
GRAVETTE	SNOWFALL SN ON GND										6.0	_	_												Т							
JONE SBORO	SNOWFALL SN ON GNO										T									1.0	 T											
LITTLE ROCK W8 AP	SNOWFALL SN ON GND									Т	0.5 T								Т								,					
MAMMOTH SPRING	SNOWFALL SN ON GNO					T	T				- 2	6	5	5	5	4			Т	1.3							Ţ		Т			
MARIANNA	SNOWFALL SN ON GNO																			т								Т				
MARKEO TREE	SNOWFALL SN ON GND										0.5 T									1.5	T											
MOUNTAIN HOME	SNOWFALL SN ON GND										8.0	_	_							3.0												
NEWPORT	SNOWFALL SN ON GND										-	-								T												
OZARK	SNOWFALL SN ON GND									1	0.5																					
PINE 8LUFF CAA AP	SNOWFALL SN ON GND																		Т													
POCAHONTAS 1	SNOWFALL SN ON GNO										2.5									2.0												
PORTLAND	SNOWFALL SN ON GND																												т			
ROGERS	SNOWFALL SN ON GNO										4.0	1							Т													
SEARCY	SNOWFALL SN ON GNO										Т	1								Т												
WALORON	SNOWFALL SN ON GND										T																					

				Obser-				, .		, .)bser-	JANUARY 195
Station	ON County	Dramage : Latitude	Longitude	Temp. de nonte	Observer	Refer to tables	Station	Index No.	County	Dramage;	Labtude	Longitude	TOD .	abon hme Observer	Refer to tables
Abbott Alicia Alum Fork Aly Amity 3 NE	0006 Scott 0064 Lawrence 0130 Saline 0138 Yell 0150 Clark	1 35 04 7 35 54 1 34 4R 3 34 17 3 34 17	94 12 624 91 05 256 92 52 755 83 29 654 93 25 -	5P 5P 7A	James V Rilliams Ruby 8, Oween L. R. Rator Works Gure 8, Swaim Mrs. Alts F. Garner	3 3 2 3 5 C 3 C	Lurton Wadison Wagnulia 3 N Magnulis 5 N Malvern	4548 4548 4550	Newion Si Francis Columbia Columbia Hot Spring	4 3	4h 00 9 19 9 20 9	3 14	007 215 3 5 >	MA Lola 1 Doilar 7A Bawen F Ghent	2.3.5
Antoine Aplim 1 W Appletne Arkadelpbia Arkanaae City	0178 Pike 0188 Perry 0196 Pope 0220 C ark 0234 Desha	3 34 02 1 34 58 1 35 25 3 34 07 2 33 37	93 5 285 93 00 400 92 53 522 93 03 200 91 12 145	7A M1D 6P 6P	Drew A. Lamb Hobari Watta Juhn A. Jones W. H. Halliburton John W Trammell	3 c 3 c 2 3 5 c	Mammoth Spring Marked Troe Marked I Troe Mareball Marvell	4172 4638 4654 4666 :	Fulton Loe Poinsett Searcy Phillips	7 36 5 34	29 9 41 9 32 9	01 32 00 49 00 35 02 38 1	90 5	SS 7A John R. McKer SA SA Univ. of Arkansas 7A 7A William W Crick S7 7A Mrs. Winne Rorton 5A J. O. L. wrie	3 5 7
Aabdown Athons Augusts Bald Koob Batesville Livestock	0286 Little Rive 0300 Howard 0326 Woodruff 0350 White 04.8 Independence	4 34 19 7 35 17 7 35 18	94 08 329 93 58 960 91 22 218 91 34 230 91 47 571	7A 7A 6P 6P	Southwestern G & E Arra O. Parker Oavid G. Griffithe Univ. of Arkansas Uciv. of Arkansas	2 3 5 3 3 4 2 3 5 2 3 5 C	Maumee Melbourne Mena Monticello Montrose	4696 : 4746 4758 4900	Sourcy Izard Polk	7 36	0J 8 04 8 35 9 35 9	32 39 31 54 34 15 1	749 610	MID Verne N Davenport 7A Mary Alice Govan F 7A E W St John P 5P Arksnam A & M Col MID Ark Pur & Lgt Co.	
Batemville L & D 1 Bear Creek Luke Beaty Lake Beaver Boobe	0460 Independent 0496 Lee 0512 S1. Francis 0518 Carroll 0530 abite	7 34 43 5 35 05 7 36 28	91 38 277 90 42 220 90 43 400 93 46 930 91 53 250	MID 5P 7A	James J. Mitchum Soil Conn. Service L. G. Adamsoe H. E. Skeltoe Lowell E. Perkins	2 3 5 C C 3 3 C C	Morobay Lock & Dam Morrilton Wount ldm Wount Magazine Mountain Home	4938 4988 5010	Calhoun Conway Wonigomery Logan Baxter	3 33 1 35 3 34 1 35 7 36	19 9 07 9 33 9 10 9 20 9	3 38		7A Corps of to incers 7A Emm S. Leavel 7A Aullian F. Black	2 3 5
Beech Grove Beodeville Benton Mentonville Berryville	0534 Greene 0536 Jackson 05%2 Saline 0586 Bentoe 0616 Carroll	7 36 09 7 35 26 6 34 33 1 36 22 7 36 22	90 38 298 91 06 221 92 37 285 94 13 1295 93 34 1255	6P 8A 6P 7A	D. B. Hammond P. M. Breckieridge Mrs. Etla C. Burkw Earle L. Broane Lucile R. McWethy	3 3 2 3 5 2 3 5	Mountain Home ('. of F Mountain View N Mountainburg 3 SSW Mulberry Narrows Dam	50 48 50 46 50 56 50 72 51 10	Baxter Stone Crawford Frankiln Pike	7 36 7 35 1 35 1 35		2 23 2 08 4 12 4 01	800 8 768 730 5		- 11 10 54
Big Flat Big Fork Big Lake Dutlet Black Rock Blakely Mountain Dam	0662 Saxter 0664 Polk 0676 Mississippi 0746 Lawrence 0764 Garland	3 34 29 5 35 51 7 36 07	92 24 1250 93 58 1100 90 08 238 91 06 259 93 11 428	7A 7A 7A	W. C. Norman Anna M. Liles N. W. Couglas Lee W. McKenney Corps of Engineers	3 3 3 3 3 6 C	Nashville Pench Subata Nashville SCS Nathan Newhope Newport	5114 158 5174	Howard Howard Howard Pike Jackson	4 34 4 33 3 34	00 9 57 9 07 9 14 9 38 9	3 56 3 51 3 52	550 7 373 550 6 0	A 7A Univ. of Arannen MID Soil Con., Service 7A Edna J. Westfall 7A Elsic F Word S 7A Luther D. Symmers	, 3 6
Blue Mountain Dam Bluff City Blytheville Booneville Botkinburg	0798 Yell 0800 Nevada 0806 Mississippi 0830 Logan 0842 Van Buren	1 35 06 3 33 41 5 35 56 1 35 09 7 35 39	93 39 455 93 09 360 89 55 252 93 55 511 92 30 1200	7A 7A	Corpa of Engineers Paul M. Admes R. E. Slaylock Cleo E. Yandell Thomas M. Pearson	2 3 5 7 2 3 5 C	Nimrod Dam 'Norfork Dam Odel' Oden Okay	5200 228 5354 5358		1 34 7 36 1 35 3 34	57 9 15 9 48 9 38 9 46 9	3 10 2 15 4 24 1 3 46		MA SA Corps of Engineers MID Corps of Engineers 7A Mrs. Renzo Ruret 7A Vers J. Gann	2356
Boughton Bradford Brinkley Suffalo Tower Bull Shoalw Daw	0845 Nevada 0872 White 0938 Menroe 1010 Newton 1020 Baxter	3 33 52 7 35 25 7 34 54 7 35 52 7 36 22	93 19 235 91 28 240 91 10 205 93 30 - 92 34 460	PA NA	Beatrich Johnson Marshall Nickmon A. B. Weathersby Beulah F. Fowler Corps of Englecere	3 3 2 3 5 7 C 3	Osceola Owensville Ozark Paragould Paris	5480 8	Missisaippi Saline Franklin Green	2 35 3 34 1 35 5 36	43 8 37 9 29 9	9 58 12 49 13 50 10 29	250 500 396 6 275 4	NA Alwyn A Cowan BA Guy Cook BP 6A Rurnm Wakefield BP 4P Radio Station MORS SS 55 Fred J. Girard	2
Burdette Cabot 4 SW 'slico Rock Camdon 1 'anden 2	1052 Wississippi 1102 Lonoke 1132 Izard 1152 Duachita 1154 Duachita	2 35 49 7 34 57 7 36 08 3 33 36 3 33 35	89 57 240 92 04 289 92 08 400 92 49 116 92 51 155	6P 5P 7A 7A 7A	G. A. Hale 8. M. Walther Austin D. Harris John W. Knight Edith /. Lehman	3 3 3 7 2 3 5	Parkin Parthenon Perryville Pine Bluff Pine Bluff (AA AP	5694	Crosa Newton Perry Jefferson Jefferson		16 9 57 9 00 9 12 9	0 35 3 15 2 49 2 00	222 925 325 215 7	7A Corine D Gardner MiD Arthur B. Carlton SP 7A Artic E. Rankie PP 7A Wary T. Scheu ID WID U.S. Civil Aero Ad	3 2 3 5 2 3 5
Cmmp Chaffee Cmmann Carlivle Carpenter Dam Clarendon	1172 Sebastian 1188 Searcy 1224 Lonoke 1238 Garland 1442 Monroe	1 35 18 7 35 52 1 34 47 3 34 27 7 34 41	94 18 419 92 44 - 91 45 235 93 01 - 91 18 172	- H1 0	U. S. Army Froncy Dell Horton R. W. Hollis Ark, Pwr & Sgt CD. B. F. Northern	2 3 5 C 3 C 3	Pine Ridge Pocahontas 1 Portland Prescott Prescott SCS	5820 5866 5908	Montgomery Randolph Ashley Nevada Novada	3 34 7 36 3 33 3 33		13 54 10 59 11 30 13 23	840	7A J. R. Huddleston 5P 7A Benedictine Sister 7A 7A Mrs. Pearl Newton 7A 7A R. P. Hamby MID Soil Cons. Service	a 2 3 5 7 2 3 5 7 2 3 5 7
Clarksville Clinton Cold Springs C mbn 3 SE Compton	1455 Johnson 1492 Vao Buren 1520 Scott 1574 Madison 1582 Neston	1 35 28 7 35 35 3 34 58 7 35 48	93 28 436 92 28 510 93 54 1250 93 48 1400 93 18 2166	7A 7A M1D	Dr. Irving F. Seach Earl B. Riddick Margaret Zornes Maude C. Brashears William L. Binam	2 3 5 3 3 C	Pyatt Ratcliff Ravana Remmel Dam Risoe	6008 6016 6102	Marion Logan Miller Hot Spring Cleveland	7 36 1 35 4 33		12 51 13 53 14 02	800 463 250	MID Dna V. McLean 7A Lulu M. Weeks MID Bonny L. Allen MID Ark. Pwr & Lgi C 8A J. Il. Yaney	3
Conway Corning Cotter Cove Crossett 7 S	1596 Faulkner 1632 Clay 1640 Baxter 1666 Polk 1730 Asbley	1 35 05 7 36 24 7 36 17 4 34 26 3 33 02	90 35 293 92 31 440 94 25 1050	7A 7A 7A 7A	G. Y. Short Mrs. Laura Polk Robert T. Fielding Joe C. Allen U.S. Forest Service	2 3 5 2 3 5 7 C 3 3 2 3 5	Rogers Russellville Saint Charles Saint Francis Searcy	6352	Arkansas Clay	7 36	20 9 18 9 23 9 27 9	14 07 1 13 08 11 08 10 08	200 E	IS SS Heward Fowler SP 5P U.S. Forest Servic 8A 8A Fish & Wildlife Sc 7A William S. Buckley 8P 7A Adam C. Melton	2 3 5 7 e 2 3 5 7 rv 2 3 5 3 2 3 6 7
Crystal Valley Cummins farm Osiay Osmascus Danville	1750 Pulaski 1768 Lincoln 1814 Pike 1829 Faulkner 1834 Yell	1 34 42 1 34 08 3 34 14 1 35 22 1 35 03	92 26 350 91 35 176 93 45 629 92 25 705 93 24 370	6P 6P 7A 7A	Virda Byrd Cummins Prison Farm Robert T. Tedder William A. Brown J. A. Moudy	2 3 5 3 5 3 C 3 3	Sheridan Tower Shirley Siloam Springs Smithvillo Sparkman	6624	Grant Van Duren Benton Lawrence Dallan	3 34 7 35 1 36 7 36 3 33	27 9 38 9 11 9 05 9 55 9	12 21 12 17 14 33 1 11 18	600	5P GP Ark Forestry Comm 7A Maud II Bradford 1A 7A John Brown Univ MIO Nora F. Rudy 7A Mrs. Rachel Butler	2 3 5
Dardanelle Oc Quoen Donver Dermott Ocs Arc	1838 Yell 1948 Sevier 1956 Boone 1960 Chicot 1968 Prairie	2 33 31	93 18 1028	SP 7A MID SA	Gretchen Goodier O. Tucker Vasser Clarence E. Collins L. W. Ailson C. J. Rister	2 3 5 2 3 5 7 C 3 2 3 5	Stamps Star City 2 S Steve Stuttgart Stuttgart 9 SSX	6820 6856 6918	Lafayette Lincoln Yell Arkansas Arkansas	4 33 3 33 1 34 1 34 7 34	54 9 53 9 29 9	1 51 13 19 11 32	270 392 682 214 (7A Rubert Baker 7A 4rk Forestry Comm 7A T. P Sims 7P 7A George L. Clark 7A Univ. of Arkannaa	3 3 3 2 3 5 2 3 5 6
Oevils Knob 1 SE Dumss 1 Dumss 2 Durham Eagle Gap	1982 Joheson 2148 Oesha 2150 Desba 2176 Washington 2204 Scott	* 1 35 43 2 33 53 2 33 53 7 35 57 1 34 43	93 24 2350 91 30 162 91 30 165 93 59 1243 94 19 1150	7P 7P W1D W10	Earnest C. Campbell Ben Johesoe Ark. Pwr & Lgt Co. Goldle E. Brink Maxine M. Hoopor	2 3 5 2 3 5 7 C	Sublaco Sugar Grove Sugar Loaf Wountain Taylor Texarkana #8 Alrport	6940 6944 7038	Logan Logan Cleburee Columbia Miller	1 35 1 35 7 35 4 33 4 33	18 9 04 9 29 9 06 9 27 9	3 48 1 58 3 27	500 300 247	7P TP New Subinco Abbey 9A O R. Fennell 7A CLOSED 7A Idella O. Norwood ID WID U.S. Weather Rurea	2 3 5 3 5 27 54 a 2 3 5 7 4
El Dorado CAA AP Euroka Springs Evening Shale Fayetteville Fayetteville (AA 4P	2300 Unioe 2356 Carroll 2366 Sharp 2442 Washington 2443 Mashington	3 33 13 7 36 24 7 36 05 1 36 05 7 36 00	92 48 252 93 44 1465 91 37 490 94 10 1370 94 10 1253	6P 6P	U.S. Civil Aero Adm Mabel F. Spray Opha Wolfe Charles F. Ford U.S. Civil Aero Adm	2 3 5 7 0	Turnpike Viola Waldron Halnut Grove Walnut Ridge CAA AP	7488 7524	Pope Fulton Scoti Independence Lawrence	7 36	40 5 24 5 14 6 51 9 08 6	91 59	692	6P U.S. Forest Service 7A A. F. King 5P 5P Hilliam D. Bivons 6P A H. Fast 10 WID U.S. 'ivil Acr. Ad	3 2 3 5 7
Fayetteville Exp. Sta Flippin CAA AP Fordyce : a Foreman Forester 4 WNa	2444 Washington 2528 Marion 2540 Dallas 2544 Little Rive 2556 Scott	7 36 06 7 36 18 3 33 49 r 4 33 43 1 34 47	94 10 1412 92 36 700 92 31 280 94 24 400 93 53 660	W10 W10	Univ. of Arkansaa U.S. Civil Aero Adm John Yeager Leslie P. Callena Mra. L. L. Nelson	2 3 5 7 2 3 5 2 3 5 2 3 5	Warren Washita West Fork Wheeling White Rock Tower	7592 7694 7744	Bradley Montgomery Washington Fulton Franklin	7 35	36 9 38 9 55 9 19 9 41 9	93 32 91 11 1 91 52	610 340 630	AP 6P Aurren otton 011 7A Nora Lee Mayberry MiD Mrs. V C. Threlks MID Thomas E Cone 5P 7A L.S. Porest Service	old 3
Forrest City Fort Smith WB Airport Fort Smith Water Plant Fountaie Hill Fulton	2564 St. Francis 2574 Sebastian 2579 Crawford 2598 Asbley 2670 Hempstead	1 35 20 1 35 39 3 33 21	90 47 261 94 22 458 94 09 793 91 50 175 93 48 260	N10 N1B 5P 7A 6P	Thomas A. Moore U.S. Weather Sureau R. J. Schoeppe Jethro R. Denson lea J. Logan	2 3 5 7 C 2 3 5 3 3	Whitecliffs Wilson Winfrey Wing Wynne	7912 7936 7950	Sevier Wississippi Crawford Yell Crows	1 34	34 5	94 04 90 02 94 06 1 93 28 90 46	350	7A L. M Snead 5P 7A 0. O. Anderson MID lydo t. Meador MID wiles B. Turner SS SS wm. M. Courtney	2 3 5
Georgetown Gilbert Glenwood Granniw Gravelly	2760 White 2794 Searcy 2842 Pike 2908 Polk 2922 Yell	4 34 14	91 26 200 92 43 595 93 33 547 94 20 920 93 41 498	6P 7A 7A SS 7A	Beasie E. Akers C. Eli Jordan Daiay G. Vaught W. E. McVay Willie Pendergrass	3 2 3 5 7 C 3 2 3 5 3	Yellville	10.04	Marion	7 36		STATION	760 IS	7A Madge V Dozhler	3
Gravette Green Forcet Greec Mountain Greebrier Greenwood	2930 Benton 2946 Carroll 2952 Stone 2962 Faulkner 2976 Sebastian	1 35 14	94 28 1250 93 26 1350 92 12 1100 92 23 380 94 15 518	8A	Elson 8. Schmidt Obed B. Wilson U.S. Forest Service Thomas E. Cantrell Dorothy M. Been	2 3 5 7 3 2 3 5 3 3	THeber Springs 3 NE Danville SCS	3228 1335	Cleburne Yell	7 35 1 35	32 9 04 9		525 370	7A Lexibr D. Logan MID Boil Conservation	3 Suir
Gurdon Rampton Hardy Harrisoe Heber Springs 3 Sw	3074 Clark 3098 Calhoue 3132 Sharp 3164 Boone 3230 Cleburge	3 33 54 3 33 32 7 36 19 7 36 14 7 35 28	93 09 210 92 28 202 91 29 362 93 07 1052 92 03 -	8A M1D 6P 6P	Roy S. Robbs Soil Cons. Service Theresa Donaldeon R. C. Beene Wayne Stark	3 3 C 2 3 5									
Hector Heleea Henderson 2 A Hope 3 NE Hopper	3235 Pope 3242 Phillips 3258 Baxter 3428 Hempstend 3438 Moetgomery	1 35 28 2 34 32 7 36 22 4 33 43 3 34 22	97 58 555 90 35 200 92 16 580 93 33 375 93 41 700	6P 7A 7P 8A 7A	Dorothy H.Spilabury harley M Fridde 1 Emil W Bentzice Cecil M. Bittle Lona A. Shields	3 2 3 5 3 2 3 5 8 C									
Horatio Bot Springa Huntsvillo Huttig Dam Index	3442 Sevier 3466 Garland 3540 Madison 3556 Union 3584 Little Rive	3 33 02	94 22 337 93 03 630 93 44 1453 92 05 60 94 03 300	5P 5P	Elizabeth W. Friday Natl Park Service Way Pearl Markley Corpa of Engineers W. E. McDowell	3 2 3 5 7 C C C 3									
Jasper Jeszieville Josesborn Keo Kiegeland	3800 Newton 3704 Garland 3734 Craighead 3862 Lonoke 3904 Cleveland	7 35 50	93 11 857 93 04 730 90 42 345 92 00 230 92 16 214	6P 7A	Lottie D. Davia Mrm. Velma M. Dunn Benedictine Sisters R. A. Waller Claudie * Bunter	3 3 2 3 8 7 2 3 5									
Lake City Lamer 2 Se Langley Load Bill Lee Creek Guard Sta.	3998 Craighead 4019 Johnson 4060 Pike 4108 Boone 4116 Crawford	7 36 24	90 26 230 93 25 550 93 51 798 92 54 650 94 19 1000	7 7P 7F	Treasa St. Clair Peach Exp. Station Wabel F Formater F. W gellogg U.S. Forest Service	3 2 3 5 3									
Leola Little Rock WB Airport Little Rock Filt. Pl Lnet Corner Louann 2 SE	4134 Grant 4248 Pulaeke 4250 Pulaeke 4324 Pope 4332 Dnlmn	7 35 34	92 35 261 92 14 257 92 19 512 92 50 1550 92 46 130	WID WIE	J. H. Rhodam D.U.S. Weather Bureau D.L. H. Water Works A Catherine Ruswell P. Flora A. Hamilton	3 5 7 C 3 3 3	† Continuati	on of S	ugar Losf Wo	uptain	recor	d.			
3 ORAINAGE CDDE 1. A	STANGLE 2 WIEGIG	81PPl 3. 01	MACRITA 4.	HED 5. 5	BAINT FRANCIS S. SAL	IME 7. WHITE									

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will he no duplication of numbers witbin a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this hulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are hased on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and bail were included in snowfall averages in Table 1, heginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated

Data in Tahles 3, 5, 6, and snowfall data in Tahle 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for seccessive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of Arkansas may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas.

- Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954. No record in Tahles 3, 6, 7, and the Station Index. No record in Tahles 2 and 5 is indicated by no entry.

 Amount included in following measurement, time distribution unknown.

 Gage is equipped with a windshield.

 Data hased on observational day ending hefore noon.

- AM

- Am Data hased on observational day ending hefore noon.

 Adjusted to a full month.

 C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Bourly Precipitation Data.

 E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, bave heen adjusted to represent the value for the full month.

 A mounts from recording gage. (These amounts are essentially accurate hut may vary slightly from the amounts to be published later in Rourly Precipitation Data.)

 T Trace, an amount too small to measure.

 Includes total for previous month.

 SS This entry in time of observation column in Station lndex means observation made near sunset.

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NWRC. Asbeville, N. C. -- 3-16-55 -- 1005

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CLIMATOLOGICAL DATA

ARKANSAS

FEBRUARY 1955 Volume LX No. 2



ARKANSAS - FEBRUARY 1955

WEATHER SUMMARY

Temperatures averaged slightly below normal and rainfall 26 per cent more than normal. Farm work was slow during the first part of the month but became more active in the latter part. Winter grains were making good growth at the end of February.

The month began with two days of mild weather, followed by five days slightly cooler than normal. The 8th and 9th were warm. Following a cold front passage on the 10th, northerly winds plunged the temperatures to 23° to 24° below normal on the 11th, this being the coldest day of the winter. Practically all stations registered their coldest temperatures on the 11th, with minimum readings ranging from near zero over the extreme north to 15° or slightly higher over the extreme south. The coldest was 2° below zero at Mt. Magazine and White Rock. Temperatures from the 14th to 19th were near or above normal. Another cold front on the 19th and 20th preceded five more days of chilly weather. The last four days were mild, especially the 28th when temperatures in the 70's were common over most of the State. The highest was 81° at Crossett.

Generous rains occurred over Arkansas on the 4th with amounts around one inch over the north and two and a half to three inches over the south. Some glaze was reported over the north on the 4th. The cold front on the 10th brought a few light widely scattered showers but amounts were small. The cold front on the 19th and 20th brought from one and a half to two inches of rain with some sleet and snow occurring over the northern counties. Other showers occurring during the month were light, scattered, and of little significance.

Rainfall averaged several inches above normal over a few counties in the northwest and a few in the extreme east central and below normal over a strip about fifty miles wide and extending from De Queen in the southwest to St. Francis in the northeast. Monthly totals ranged from 1.56 at Beech Grove to 7.40 inches at Madison.

Farm activities during the first part of the month consisted mainly of the care of livestock, cutting wood, and the seasonal chores. Plowing got underway in the latter part of the month where the fields were not too wet. Some lespedeza was sown, and potatoes and gardens planted. The work was interrupted during the first part of the third week by the cold weather but resumed during the fourth week. Pastures, winter grains, and legumes greened some during the first part of the month but made good growth during the latter part. Some farmers were spreading fertilizer by air during the last week.

Lucius W. Dye

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h		Relat		idity ave	rages		Numi	per of d	ays with	n precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30A CST	6;30A ST	12: 30P CST	6:3JP CST	Trace	.01 – 09	10-49	80-88	1.00-1 99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
FORT SMITH W8 AIRPORT	Ε	19	8.2	33	W	19	79	83	61	66	5	-4	1		2		1 2		6.1
LITTLE ROCK WE AIRPORT	NW	11	10.2	31	SW	1	70	79	01	59		4	5				L 4	47	11 , 11
TEXARKANA W8 AIRPORT	-	-	-	-	-	-	-	-	-	-	4	1	3						-

Table 1

COMPARATIVE DATA

	T	emperatu	ıre	Pi	recipitatio	on		Te	emperatu	re	Pi	ecipitatio	n		Te	mperatu	re	Pı	recipitatio	n
Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average		Year	Åverage	Highest	Lowest	Average	Average	
1891 1892 1893 1894 1895	46.5 49.0 42.4 40.5 33.5	80 78 74 75 78	6 18 2 0 -17	2.92 3.47 4.05 6.32 0.71	T 0.8 2.5 2.0		1916 1917 1918 1919 1920	43.4 43.4 46.9 44.1 45.0	82 89 93 80 79	6 - 4 - 4 - 10 - 2	1.78 1.93 1.17 3.34 1.26	1.3 1.1 0.4 2.5 1.0		1941 1942 1943 1944 1945	40.8 41.2 47.5 48.2 44.1	72 81 83 87 88	7 - 2 7 4 12	2.92 2.97 1.00 7.34 7.86	3.4 1.4 0.4 2.5 1.0	
1896 1897 1898 1899 1900	45.2 46.6 45.8 31.8 39.7	79 89 82 75 74	11 7 7 -25 - 5	3.30 2.59 2.08 2.18 5.06	0.5 0.7 T 2.7 1.2		1921 1922 1923 1924 1925	48.3 47.8 41.9 42.9 49.3	85 84 80 82 83	- 3 10 5 - 7 12	3.59 4.89 4.66 2.26 3.37	9,8 1.3 1.9 0.4 0.5		1946 1947 1948 1949 1950	47.6 37.2 41.5 46.0 46.4	78 80 82 83 85	11 1 8 - 3 12	5.05 0.78 6.08 3.98 6.22	2.6 1.8 1.8 T 0.2	
1901 1902 1903 1904 1905	40.8 35.0 41.0 44.9 32.3	79 72 79 86 82	10 - 2 -12 10 -29	2.18 2.60 7.83 2.47 2.55	1.6 3.2 2.7 0.8 7.1		1926 1927 1928 1929 1930	48.5 52.1 45.0 35.4 52.2	88 90 79 76 86	10 9 10 -20 16	2.02 2.62 2.23 4.01 3.92	0.3 .1.5 0.6 8.8 0.0		1951 1952 1953 1954 1955	44.3 48.4 45.8 50.7 43.6	82 84 79 86 81	-24 2 9 12 - 2	5.32 3.63 3.08 2.24 4.55	2.5 2.9 T T	
1908 1907 1908 1909 1910	41.8 44.9 44.2 47.3 39.0	75 83 78 82 75	- 7 4 0 5 -13	2.21 2.77 5.26 5.41 3.66	1.6 0.5 0.4 0.9 5.9		1931 1932 1933 1934 1935	48.2 52.0 41.5 41.5 45.8	75 86 82 82 87	14 9 -13 3 8	4.77 4.72 3.53 2.00 2.44	T T 2.4 0.5		All Years	44.7			3.69	1.7	
1911 1912 1913 1914 1915	49.8 37.9 41.0 40.4 45.9	87 78 82 79 76	7 - 7 5 - 2 11	4.31 2.80 3.74 4.23 4.47	0.3 4.5 1.8 0.9 1.3		1936 1937 1938 1939 1940	36.5 44.2 50.9 43.6 41.9	89 84 87 76 88	-15 12 8 4 10	1.70 2.11 6.08 8.56 3.31	2.4 0.2 0.1 3.2 3.2								

Beginning with 1955, averages have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

				Ten	pera	ture										P	recip	itation					
				al						No	o. of D	ays		-	;	y		Snow,	Sleet, I	Tail	No	of E	ays
Station	Average Maximum	Average Minimum	Average	Departure From Norm	Highest	Date	Lowest	Date	Degree Day	Ma *ooqy	32° or X	Min.	Total	Departure From Norm		Greatest Da	Date	Total	Max. Depth on Ground	Date	.16 or More⊕	.50 or More	1.00 or More
HIGHLAND DIVISION ALUM FORK																							
ASHOOWN BENTON	55.4 60.1 56.1	32.8 35.7 33.2	44.1 47.9 44.7	- 0.7 1.6	76	16 28 15+		11 11 11	577 477 564	0 0		3 0	2.65 3.74 4.18	- 2.	40	1.85 2.01 1.40	4 20	0.0 T	0 0 T	21	3 3 6	2 3	2
BENTONVILLE BOONEVILLE CAMP CHAFFEE	49.9 55.9 56.6	26.9 31.9 31.5	38.4 43.9 44.1	- 1.4	75	28 28 28	8	11 11	738 584 580	0 0	1 1	7 0	5.50 3.52 4.50	3.	23	2.08 1.60 1.40	20	0.0 0.0	0 0		5 4	3.4	2 1 2
CLARKSVILLE CONWAY OAROANELLE	55.1 56.7 56.1	31.8 33.9 33.6	43.5 45.3 44.9	0.6		28 27 27	11	11 11 11	600 548 562	0 0 0		9 0 6 0 5 0	6.18 3.45 4.95	- O.	34	1.92 1.62 1.62		0.0 T 0.0	0		8 4 6	2:	3 2 2
OE QUEEN	59.6	34.7	47.2	- 0.7	72	15+	11	11	495	0	0 1	3 0	1.99	- 2	30	1.40	4	0.0	0		2	2	1

					Ten	npera	ture									P	recip	itation					_
					al					S.	No.	of D	ays		al	<u> </u>		Snow,	Sleet, F	Iail	No.	of I	Jays
Station		ge	un. eb	e de	ture Normal	est				ee Days	Max	. 1	Min.		ture Normal	est Day			r. Depth Ground		More	More	•
		Average Maximum	Average Minimum	Āverage	Departure From Nor	Highe	Date	Lowes	Date	Degre	90° or Above	Below 32° or	Below Below	Total	Departure From Nor	Greatest	Date	Total	Max. 1 on Gr	Date	ხ	.50 or	or Mor
DEVILS KNOB EUREKA SPRINGS FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FILIPPIN CAA AP FORT SMITH WB AP FT SMITH WATER PLANT GILBERT GRANNIS GRAVETTE GREEN MOUNTAIN HARRISON HOPE 3 NE HOT SPRINGS LEAD HILL LITTLE ROCK WB AP MALVERN MAMMOTH SPRING MARSHALL MENA MORRITON MOUNT IDA MOUNT IDA MOUNT IDA MOUNTAIN HOME SERRYVILLE REFIDAN TOWER SILOM SPRINGS SUBIACO TEXARKANA WB AP TURNPIKE WALDRON WHITE ROCK DIVISION	R // AM	49.3 51.0 51.0 51.1 53.0 54.4 54.5 57.0 50.5 50.5 51.8 50.5 51.8 54.1 57.5 50.8 54.1 50.5 51.5 50.8	29.5 28.7 29.0 28.1 31.4 28.8 29.5 32.1 25.5 32.9 35.6 28.8 31.0 35.6 28.2 35.6 29.5 29.5 29.5 29.5 29.5 29.5 29.5 29.5	39.4 39.9 40.0 39.6 42.5 41.6 41.6 41.6 40.5 44.9 46.0 38.9 44.6 46.6 44.2 44.2 44.2 44.2 44.2 44.2	- 1.2 - 0.4 - 2.1 - 0.7 - 1.0 - 2.4 - 0.8 - 0.3 - 1.0 0 0.4 - 0.8 - 0.1 - 0.4 - 0.8 - 0.1 - 0.4 - 0.8 - 0.1 - 0.4 - 0.8 - 0.1 - 0.4 - 0.8 - 0.1 - 0.4 - 0.8 - 0.1 - 0.8 - 0.1 - 0.8 - 0.8 - 0.1 - 0.8	75 77 75 74 78 74 77 72 70 78 73 72 76 69 77 76 77 77 76 77 77 79 72 77 76 77 77 76 77 77 76 77 77 76 77 77	28888887558887128887557668814 2218888887558757668814	- 1 2 4 4 3 3 4 9 6 6 6 6 2 0 5 13 10 5 8 12 4 2 2 2 1 1 1 1 1 2 1 1 1 1 1 1 1 1	12 11 11 11 11 11 11 11 11 11 11 11 11	714 700 696 697 703 624 870 656 643 557 724 669 663 557 724 677 575 659 737 757 757 757 757 757 757 757 757 757	000000000000000000000000000000000000000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 1 1 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 1	5.90 3.06 4.60 4.49 2.22 3.75 5.06 3.40 2.30 4.23 4.23 4.23 4.24 4.25	0.38 2.06 0.71 0.56 1.22 2.04 - 0.32 - 0.11 0.15 0.18 1.58 0.84 1.41 - 0.10 0.52 - 1.01 2.21 - 0.08 3.09 1.98 1.54 0.35 3.93 - 0.06 0.82	1.90 1.40 2.11 1.94 2.31 1.06 1.20 1.82 2.42 1.52 1.12 1.21 2.12 1.31 2.12 1.68 1.70 1.23 1.63 1.63 1.63 1.63 1.65 1.161 1.64 1.54 1.65	20 19 19 19 19 19 19 20 4 4 20 20 20 20 20 20 20 20 20 20 19 19 20 4 4 4 20 20 20 19 4 4 4 4 20 20 20 20 20 20 4 4 4 4 4 4 4	0.0 T T O.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10+ 12-4-4-4 21-13-4-20	8445454 5454463 77665565654343763476545748	5 3 3 4 3 N 3 N 3 N 3 N 3 N N N N N N N N	2 1 1 1 1 1 2 2 2 2 1 1 1 1 2 2 3 2 2 2 2
ARKADELPHIA BALD KNOB BATESVILLE LIVESTOCK BATESVILLE LIVESTOCK BATESVILLE LIVESTOCK BATESVILLE LAND D NO 1 BLYTHEVILLE BRINKLEY CAMDEN 1 CORNING CROSSETT 7 S CUMMINS FARM DES ARC DUMAS 1 EL DORADO CAA AP FORDYCE 6 W HELENA JONESBORO KEO MAGNOLIA 3 N MARIANNA MARKED TREE MONTICELLO NEWPORT PARAGOULO PINE BLUFF PINE BLUFF PINE BLUFF VARAGOULO PINE BLUFF VARAGOULO PINE BLUFF VARAGOULO PINE BLUFF VARAGOULO PINE BLUFF SAINT CHARLES SEARCY STUTTGART STUTTGART 9 ESE WALNUT RIDGE CAA AP WARREN WILSON WYNNE	AM A	58.9 54.8 52.0 54.6 51.7M 52.6 749.7 49.7 49.7 58.7 49.7 58.9 58.1 57.2 55.9 52.2 55.9 53.9 53.9 53.9 57.4 58.1 56.8 56.8 56.9 57.4 58.1 56.8 56.8 56.8 56.9 57.4 58.1 56.8 56.8 56.8 56.9 57.4 58.9 57.4 57.4 57.4 57.4 57.4 57.4 57.4 57.4	35.6 26.3 31.0 33.1 32.1 37.3 37.3 37.0 33.1 37.0	47.3 44.2 39.5 42.9 45.6 39.6 45.3 45.3 47.7 47.8 47.1 45.6 47.1 45.6 47.1 45.6 47.0 45.6 47.0 45.6 47.0 45.6 47.0 45.6 48.3 47.0 45.6 48.3 47.0 45.6 48.3 47.0 47.0 47.0 47.0 47.0 47.0 47.0 47.0	1.4 - 2.0 - 1.3 - 1.7 - 0.6 1.8 - 2.0 - 1.6 - 0.4 - 2.2 - 2.0 - 2.0 - 3.1 - 2.7 - 0.3 1.0 - 1.2 - 3.9 - 3.9 - 1.5 - 0.6 - 1.7 - 1.5 - 1.0 - 0.3 - 1.5	71 76 73 70 72 77 71 77 71 78 75 77 71 78 77 71 78 77 71 77 70 73 77 70 70 71 71 71 71 71 71 71 71 71 71 71 71 71	20088788840888708888778887887887887887887887887887	9 5 8 7 12 14 5 6 15 11 8 8 14 13 3 8 14 13 15 15 17 12 13 15 15 17 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15	111111111111111111111111111111111111111	492 577 712 615 615 617 706 612 439 456 612 487 480 498 626 696 637 637 637 637 637 637 637 637 637 647 647 647 647 647 647 647 647 647 64		0 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.97 3.12 3.12 3.12 3.12 3.12 3.12 4.66 5.76 4.82 4.82 5.76 4.82 4.82 5.76 4.94 5.75 4.94 5.75 4.94 6.20 6.30 6.30 6.30 6.30 6.30 6.30 6.30 6.3	0.17 - 0.34 1.39 2.42 2.522 - 0.65 1.85 1.98 0.65 1.82 0.90 - 0.25 1.55 2.87 1.29 - 0.25 - 0.27 2.47 - 0.85 1.70 1.13 0.00 2.04 1.84 1.54 2.22	1.88 1.94 1.10 1.30 1.18 2.48 2.23 0.902 2.06 1.96 1.96 1.95 2.07 1.74 1.10 2.95 2.07 2.46 1.33 1.17 1.08 3.07 3.13 1.05 2.00 2.41 1.51 3.10 2.95 0.78 1.75 2.14	20 20 20 5 5 5 5 5 5 5 4 4 5 5 5 5 5 5 5 5 5 5	0.5 T T 0.0 0.5 0.0 0.0 0.0 0.0 0.0 T 0.0 T T 0.0 T T 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22	65640867758766896687 687766664677657	23341435533422554 3333253323324	22 1 1 2 2 3 0 3 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
DIVISION				44.5	- 1.0									5.02	1.08			0.1					
STATE				43.6	- 0.9									4.55	0.95			Т					

Table 3	г						V			FE6	ARKANUAN BRUARY 195
Station	Total	1 2 3	4 5 6	7 8 9	10 11 12	Day of month	16 17 18	19 20 21	22 23 24	25 26 27 28 29	30 31
A880TT ALICIA	3.00	T .17	.35 .46	, , , ,	E. 0		.72 .20	.12 1.35	E. 01	T .06 .54	30 31
ALUM FORK ALY AMITY 3 NE	2.65 3.82 4.26	.09 T	1.85 .16 .80 .75 .46 1.01 1.30 .12		}		.56	.09 1.11 .01 1.68 .03		T .05 .19 T T .03 .09	
ANTOINE APLIN ARKAGELPHIA ARKANSAS CITY ASHOOMN	3.71 3.23 3.99 6.36 3.74	Т	.66 1.21 .19 .40 .88 .12 1.88 .42 .10 T 1.85 1.57 2.01 .21 #09	.07	т	• 0 4	7 •32 •12 T •19	.05 1.39 .15 T 1.51 .03 1.22 .20 1.01 .64 T 1.36 .02	.86	T .02 T .05 T	
ATHENS AUGUSTA BALD KNUB BATESVILLE LIVESTOCK BATESVILLE L AND O NO 1	3.22 3.87 3.57 3.57 3.05 3.12	T +05 T +22 +09	.82 .75 T 1.44 .07 1.04 .20 1.00 T T .91		T T T T T + 03	т	*J2 *30 T *24 *29 *17 T	*18 1.10 1.39 .30 T 1.94 .15 -10 1.10 .02 -08 1.30 .04		06 .22 .07 T .02 T T T T .07 .25 T .05 .45	
BEATY LAKE BEAVER BEECH GROVE BEEVEVILLE BENTON	0.42 4.58 1.50 4.01 4.18	.32 1.18 .11	1.09 1.78 .38 .21 .28 .97 .46 .65 1.23 .08		.05 T		.45 T	.05 1.80 .50 1.30 1.53 .06 1.00 1.97 .04 1.40 .10	.04	T T .05 .35	
ENTONVILLE IG FLAT IG FORK IG AKE OUTLET LACK ROCK	5.50 4.19 4.57 2.59		.28 .58 		- T -	T - T	 -12 -31 .02 T	1.51 2.08 	.37	.06 35 .07 .18	
ILAKELY MOUNTAIN UAM ILUFF CITY BLYTHEVILLE OONEVILLE OUGHTON	3.61 5.83 4.65 3.52 4.25	.06 T T .45	.72 1.23 T .91 2.04 .10 1.18 .10 .88 .57 .76 1.71 .22		.10 T		.29 T .45 .02	.02 1.08 T 1.90 .61 .99 .58	.01 .25 .38	11 .09 T T T .25 .15	
RADFORD RINKLEY UUFFALO TOWER URDETTE	3.42 6.62 4.84 5.86	*11 *34 *10 *15	1.15 .07 2.48 .37 .60 .35 .15 2.09 .35		•05		.24 .02 .48 T .88	1.11 .26 1.40 .15 1.71 .05 .87 1.59 1.75 .31	.40	.08 .13 .16 .15 .10	
ABOT 4 SW ALICO ROCK AMOEN 1 AMP CHAFFEE ARLISLE	3.69 3.28 6.50 4.50 4.60	T +26 T T	T 1.10 .02 1.35 2.23 .49 .80 .58 .24 1.56 .52		τ		.31 .04 T 1.24 .40	.10 1.67 T .21 1.61 T T 1.78 .31 .38 1.40 .88 1.30	T .58	T .04	
LARENDON LARKSVILLE LINTON COLO SPRINGS CON#AY	6.56 6.18 5.27 3.22 3.45	.02	2.83 .38 1.35 .18 .40 1.65 1.25 .30 1.62 .10	.03	T		.53 .03 1.30 .16 .63 .17 .45	.20 1.25 .15 .85 .06 1.20 .03		12 T .27 .13 .91 .05 .05 .40 T T T	
ORNING OTTER OVE ROSSETT 7 S RYSTAL VALLEY	2.78 2.68 4.36 5.60 4.24	.30	.45 .02 .04 .72 1.21 .86 .42 2.02 .65 1.68 .06		.09	т	.34 T .12 .19 .11	.03 .90 .23 .30 1.32 1.74 T 1.10 1.00	.03	.12 T T .30 .07	
UMMINS FARM A1SY IAMASCUS IANVILLE IAROANELLE	3.52 4.18 4.02 4.95	*10 T	2.06 .51 .87 .96 .30 1.56 .02 .54 1.45 .01 .61 1.62				.60 .01 .52 T .36 .12	1.58 .39 .12 1.32 .15 1.15 .02 1.32 .12 1.43		**************************************	
IE GUEÉN IERMOTT IES ARC IEVILS KNOB IUMAS 1	1.99 - 5.74 5.90 6.09	.14 .38	1.40 	.03			 .50 .03 .86 .03	1.65 .55 .74 1.90 .02 1.71 .55		T T T T T T T T +02 .16 .14	
AGLE GAP L OORAOO CAA AP UREKA SPRINGS VENING SHADE AYETTEVILLE	4.88 3.U6 2.85 4.16	.00 T .43	2.59 .41 .26 .60 .85		T T T	т	T .26	.52 .89 .23		T T 111	
AYETTEVILLE CAA AP AYETTEVILLE EXP STA LIPPIN CAA AP ORESTER 4 WNW	4.60 4.49 2.22 6.28	.48 T T	.93 T .96 T .58 .14 2.67 .90 .10		.01 .01 T T T T	•01 T	T .22 .04 .20	1.94 2.31 .07 1.06 T 1.99 .43	T	.05 T .65	
ORT SMITH WHEAP R// T SMITH WATER PLANT DUNTAIN HILL ULTON	2.95 3.75 5.06 - 4.89	T T	1.16 .01 • 1.10 	 T	T T		.14 .83 .~5	1.35 1.20 * 2.80 T 1.09 .15		04 .02 T T .05 .03	
EORGETOWN LLBERT LENGOO RANNIS RAVELLY	3.82 3.45 3.77 3.02 3.08	.01 .10	T 1.55 .10 .05 1.01 * 2.00 1.23 .63 .76 .85		T T		.27 .06	1.52 .45 .21 1.80 .09 1.29 .05 .78 .01 1.25	•20	**************************************	
RAVETTE REEN FOREST REEN MOUNTAIN REENBRIER REENWOOO	2.50 4.10 3.48		.70 .02 		<u> </u>		.22	T 1.54 1.25 .12 1.50 .2 1.17 .33		10 .09 T	
UROON AMPTON ARRISUN EBER SPRINGS 3 NE ECTOR	4.37 5.59 2.34 3.18 5.73	.55 .06	.43 2.02 .21 .65 1.94 .49 .50 .05 .08 1.22 .45 1.25	.02	T •02		12 .12 .01 .95	1.17 .33 .50 1.43 1.12 .13 1.08 .33 .33 1.05	. 32 ? T	7 .04 .08 .25 .85	
ELENA ENDERSON 2 W DPE 3 NE DPPER DRATIO	5.40 3.01 3.96 4.50 3.59	.03 .31	1.74 .96 .68 T .79 1.11 .28 .83 1.17 1.63 .92	.02	.02 T	Т	12 •41 •J2	1.86 1.13 .51 1.86 7 1.31 .31 .22 1.85		T T T T T 333 .10	
T SPRINGS TTIG OAM NOER ISPER SSIEVILLE	3.84 5.70 4.00 2.68 3.75	.05	2.12 .27 .37 1.82 1.18 .70 1.60 .40 .32 .50 .56 1.29 .05		T		. J8 .10	.09 1.11 .5 1.03 .5 1.30 .17 1.24 .03 1.17		.06 .01 T .09 .05 T .05	
NESBORD O KE CITY NGLEY AO HILL	3.53 5.15 3.68 3.57	•22 •08	.71 .13 1.95 .45 .09 .80 .30 1.11 .84		.10		.30 .40	1.10 .3 .07 1.76 .2! .89 .55		7 .13 .38 .03 .16 .03 .18 .03	
EÈ CREEK EULA ITTLE ROCK WB AP R// ITTLE ROCK FILTER PL	4.08 5.07 4.24 4.19 5.67	.10	1.01 .30 2.11 .18 1.68 .16 .01 1.64 .18 .02		.05 .04		.49 .18 .38 .39	1.39 .21 .21 1.49 .22 .11	3	.08 T .02 .01 T	
UST CORNER OUANN 2 SE URTON AOISON AGNOLIA 3 N	5.67 5.63 6.07 7.40 5.54	.17 .30	1.20 2.28 .75 .49 .30 1.01 3.53 .76 .61 2.07 .52	Т	•05		1.10	.93 1.57 1.80 .31 .80 2.44 T 1.31 .7: 1.44 .5	.27 7 .33	• 15	
ALVERN AMMOTH SPRING ARIANNA	4.23 3.56 6.75	.17	1.70 .40 .03 .89 2.46 .84		T T	Т	.21 .20 .65 T	.23 1.27 .1	35	T T .01 T T .10 .16 .06 T	

DAILY PRECIPITATION

Table	e 3-	Conti	nued

ARKANSAS FEBRUARY 1955

Table 3—Continued	78	-											-	Da	y of n	onth																_
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29 3	0	31
MARKEO TREE MARSHALL MARVELL MELBOURNE MENA	4.96 4.12 6.25 4.20	- T	• 25 • 03	. 37 -	_	1.33 1.07 2.35	.81 .03 .80	т –	-	-	ute	T -		-	-		. 30 . 84 . 25 -	.05	.18	_	1.12 1.23 1.50 -	• 63 • 65	.34 .28	-		-	-	.07	.06			
MONTICELLO MORO8AY L AND D NO 8 MORRILTON MOUNT IOA MOUNT MAGAZINE	5.48 4.28 4.62 3.86 3.32	T •05	Т		.20	1.79 1.10 .76	3.49 .78 T										. 76 . 30 . 55	. 05	т	.13	* .82 1.30 1.23 .63	1.86 .37 T	•28 T				.13 T	.02 .19 T	1.21			
MOUNTAIN HOME MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERY NARROWS DAM	3.09 3.50 3.30 4.90 4.09	.04	.33		·13	.26 .80 1.15 .25	.02				Т	.04	Т		т		.10 .30 .32 1.19		. 75	·41 ·65	1.61 1.39 1.60 1.86	т					.02 T T	.01 .03 .25	T • 06 T			
NASHVILLE PEACH SUBSTA NATHAN NEWHOPE NEWPORT NIMROO OAM	3.48 3.25 3.47 3.29 3.41	T .05	.18	Т	* 68	.94 .95 1.77 .85 1.30	.06				Т	T	Т				• 19 • 40	T .05			1.54 1.41 1.70 1.17	. 63	·13				*01 T	.08 .09	.01 .03			
ODELL ODEN OKAY OSCEOLA OWENSVILLE	4.85 3.84 2.89 4.72 3.64	T	.03 .28		1.01	1.41	.08 .82 .02	.03				•03 T			.01	.31	. 28 . 45 . 20		.07		1.95 1.26 1.40 .43 1.20	T 1.02	• 25 T		Т	•14	.03 .02 T	• 12	T T			
OZARK PARAGOULO PARIS PARKIN PERRYVILLE	4.99 3.59 5.13 5.81 3.34	T .50	.29		1 - 4 5	.55 .40 .22 2.15	.09 .76				T T						1.61 .29 1.03 .20 .34		т	.36 1.39 T	1.44 1.08 .49 1.40 1.44	.18 .60	.04				.02 .07 .05	*11 *16 T *07 *03	.35 .15 .50			
PINE BLUFF PINE BLUFF CAA AP PINE RIDGE POCAHONTAS 1 PORTLAND	6.57 6.34 3.99 .2.44 5.98	T T • 0 5	.05 .30 T		3.13 1.08	.18 1.09 .60	.26 .21	.04			•02 T	•01 T	Т				.19 .27 .38 .19	T •23		1.15	1.91 .97 1.21 1.05 1.05	.57 .35	.75			т	*06 T	T T •11	T T • 02 T			
PRESCOTT RATCLIFF RISON ROGERS RUSSELLVILLE	4.93 4.73 6.51 5.16 5.34	1.32		Т	1.27 .08	+21	• 20 • 31	Т			т						T 1.05 .50		•51	2.55	1.20 1.49 1.68	. 89	•37				T •05 •02 •07 •10	•02	.45			
SAINT CHARLES SAINT FRANCIS SEARCY SHERIOAN TOWER SHIRLEY	6.03 2.21 3.50 5.18 5.09	.07	T •30 •05		.03	. 25	.95 .05 .05					т					. 46 . 35 . 25 . 22 . 57	.05		T .18	1.37	.42 .22 .16	.20				T	.29 .01 T	.03 T			
SILOAM SPRINGS SPARKMAN STAMPS STAR CITY 2 S STEVŁ	4.46 4.20 5.88 6.29 4.04		.35		.74	2.03	. 40 . 44 . 58	.03									• 26 • 52			1.14	1.92 .40 1.55 1.75 1.40	.40 .85 .56	. 24					•08 T	Т			
STUTTGART STUTTGART 9 ESE SUBIACO SUGAR GROVE TAYLOR	6.12 6.50 4.47 4.17 5.67		•05		1.46	2.95	• 34 • 42				T						.31 .37 1.28 .96			1.25	1.50 1.57 .03 1.75 1.49	.50 .57	. 36					Т	•45 •25			
TEXARKANA W8 AP R// TURNPIKE VIOLA WALDRON WALDRON WALNUT GROVE	4.45 7.37 - 3.40 3.26		-	T - T	2.20 1.73 - 1.39 .66	- 11	-19	-	-	_	-	-	-	-	-	-	1.62 - T .25	-	T T	1.77	.18 1.52 - .75 1.24	.05 - T	- т	-	-	-	T • 17 T	_ T • 11	.21 T			
WALNUT RIOGE CAA AP WARREN WASHITA WHITE ROCK WHITECLIFFS	2.85 5.95 2.80 6.53 2.20	.34 T	.28		.41 1.65 .50 .35	1.74 .60					T T	т	Т	Т		•30	.20 .12				.64 1.58 1.40 3.11 1.40	•02 •28				Т	• 27 T	*11 T T *35	T •12			
AETTAIFTE MANNE MIT20N	5.96 6.03 2.66	.34	•92		1.96	2.75 .65					.10						.40 .31			. 45	1.57 2.14 1.24						.08					

Table 5		_								AI	LI	1	C IV	IFI			UN				_										BRU	ARY	
Station		-	-												-	Day	OI.	Mon	th							-							erage
ALUM FORK	MAX	68	65	47	39	5	6 43	52	67	9 66	10	33	37	44	61	15	16 70	62	18	19	20	21	22	51	24	25	65	64	28	29	30 :		Aver 55.4
ARKADELPHIA	MAX	72	37 61	31 52	31	30	3 6 5 6	26 57	61	39 68	31 60	39	15	17	70	30 68	70	30 60	28	63	60	34	22	20	26	70	54 69	59 68	73			ì	32.8
ASHOOWN	MAX	70	38	36 55	33	41	57	57	63	32	3.2 6.4	12	19 47	55	63	72	53	70	34 64	67	29 66	39	23	53	30 61	35	69	61 70	76				35.6
BALD KNOS	MIN	70	35 61	32 41	36	39	50	50	60	31	60	13	34	26	61	68	65	35 58	50	62	61	34	43	50	28	34	56 68	70	71				35.7
BATESVILLE LIVESTOCK	MAX	59	62	40	40	31	40	51	49	65	31 66	53	29	33	35	61	51	35 65	29	51	32 59	37	35	22	50	60	52	67	76				33.6
BATESVILLE L AND 0 NO 1	MAX	63	58	40	36	43	51	51	19	64	61	30	32	43	17	69	35 68	62	51	61	58	38	18	17	58	61	66	75	73				26.3
8EN TON	MAX	69	36 60 39	30 43 33	31 41 31	35 44 38	39 51 37	52 24	63	37 65 29	28 59 30	34	36 15	13	65	71	65	59	60	64	61	35	20	18	59	64	67	52	71				31.2
8ENTONVILLE	MAX	58	35 28	39	36 29	40	49	35	61	63	55	26	31	19 45 24	46 58 23	67	60	57	51	56	35	40	20	19	41	61	63	61	76				33.2
BLYTHEVILLE	MAX	60	58	38	40	43	43	44		63	60	60	29	33	47	60	67	62	37 45	33 57	18	40	33	23	52	60	63	63	73				51.7
BOONEVILLE	MAX	62	52 35	48	39	44	57	52	66	67	61	30	40	15 55 25	62	72	66	57	32 52	67	37	41	28	27 51	56	65	35 68	72 57	75				31.0
BRINKLEY	MAX	62	68	43	40	45	44	45	50	58	63	60	32	33	48	62	53 69 43	32 63 30	36 48 28	36 58 35	27 63 38	40	35 27	24 40 27	50	34 55 35	55 62 40	68	70 63				31.9 52.6 33.1
CAMOEN 1	MAX	65	72 35	55	47	47 37	46	51	55 27	65	67	64	48	45 23	58 28	68	72	72 35	59 37	67	56 64 35	52	37 26	41	55 25	61	67	72	72				58.7
CAMP CHAFFEE	MAX	66	50	47	39	47	55	55	64	68	65	32	36	52	62	70	68	61	51.	62	62	43	49	52	52	65	69	68	75				56.6
CLARKSVILLE	MAX	68	53	45	40	45 37	55	50	60	68	26 61 25	33	36	21 46 22	59	71	50 65 52	29 59 29	36 50 34	61	26 42 28	41	20 49 21	23 50 25	59 24	63 28	51 64 52	73	53 76 58				31.5 55.1 31.8
CONWAY	MAX	71	61	43	38 32	45 36	54	51	69	63	63	33	36 16	45	61	71	67	63	55	61	60	38	48	52	61	64	69	73	72				56.7
CORNING	MAX	54	60	38	36 26	42	43	50	40	58	64	52	24	31	42	57	62	58	42	55 32	62	38	36 26	43	48	58	60	62	77				49.7
CROSSETT 7 S	MAX	76	72	51	49	47	46	55	63	66	70	52	44	54	67	73	70	67	65	69	69	39	47	56 22	62	68	69	73	81				61.4
CUMMINS FARM	MAX	1	,,,	31	40	42	46	50	62	65	62	52	36	54	62	72	73	60	60!	64	63	46	42	55	57	58	70	57	77				58.5
OAROANELLE	MAX	71	55 39	45	39 31	45 36	54	53	61	68	60	34	38	48	62	73	66	57	51	52	51	41	50	51	60	67	66	78	74 51				56.1
OE QUEEN	MAX	67	62	55	43	50	61	56	65	69	62	39	49	54	70 38	72	70	64	62	62	52	42	52	54	63	65	65	71	72				59.6
OES ARC	MAX	63	69	45	41	45	44	47	52	59	65	58	31	34	59	60	70	60	43	60	62	38	24	41	51	59	64	67	70				54.0
OEVILS KNO8	MAX	59	50	36	32	38	48	45	59 27	62	54	27	33	35 15	58	63	58	50	43	52	49	37	43	46	53	55	56	68	70				49.3
OUMAS 1	MAX	72	62	45	45 37	45	45	52	62	60	68	35 16	36	5 2 22	67	33	74	63	63	66	53	33	42	53	57	67	70 54	72	78				56.9
EL OORAGO CAA AP	MAX	74	53	50	49	49	51	56 28	63	65	66	37	47	59	67	72	73 52	61	68	71	45	33	42 27	56	59	68	72 56	73	78 61				59.2
EUREKA SPRINGS	MAX	55	42	35	34	37	49	43	62	64	59	28	32	45	58	67	62	52	51 35	55	45	41	45 18	52	47	63	62	66	76 56				51.0
FAYETTEVILLE	MAX	60	36 29	40	40	42 31	48	40	60	64	56 14	27	35	45 27	57	66	61 39	59 28	52 39	57 32	35 19	40	45 21	54	43	61	62 48	65	77 58				51.0
FAYETTEVILLE CAA AP	MAX		37	41	42	41	48	37		64	54	27		46	57	66	58	59	55	57 26	34	38	43	52	41			67 48	76 52				50.6 27.8
FAYETTEVILLE EXP STA	MAX	60	38	40	40	42	48	43	60	63	60	27	33	44 64		65	63	58	52	58 35	35	39	44	52	49	58	62	62	75				51.0
FLIPPIN CAA AP	MAX		36 33	37 28	33		49		64 19		53	27			5 7 3 0				52 29		42 28			51			66 53						51.1
FOROYCE 6 W	MAX		68 37		42 35		48	52 32	63	65	62 38	38 14	40	55 23	65	70				65 55													58.1 37.4
FORT SMITH W8 AP	MAX		48			46 37			64						59 29		63	54 32	51 37	63	37 26	43 25	48	52 28	52 28	66	67 52	60	75 54				53.6
FT SMITH WATER PLANT	MAX		52	4 B 3 2	41 32	48 34	54		60		64	29	35 13	44	62	68	68	66 25	50 38	59 37	39 24	42	48	51			61		74 54				54.4
GILBERT	MAX		56 33	38	36 30	38 33	50		62			30 6		41	63	69	63							52 15			65 55						54.5
GRANNIS	MAX	67	60	54	40	56 38	56 39		63				48	50	65 34	69	65 54	60	57 38	59 54	56 28	40	52 31	53	59 30	63	62 52	66	67				57.0 35.3
GRAVETTE	MAX	61	34	39	37		50		61			28	33	43		66	61	59	50	55 30	34	39	48	54	42	60		61	74				50.5
GREEN MOUNTAIN	MAX	38	30	38	40	38	36	44		30		48	26	28	40	50	38		46 28	58 32	48	42 26	32 22	42 22	46		60 30		74				45.1
HARRISON	MAX	55	49	36	34	37	50	45		65	56	26	3 3	45		68	60	52		56	52	40	44		45	61		70	77 56				51.5
HELENA	MAX	71	70	44	44	49	47	49	59	62	66	48	33	48	62	69	65	60		64	62	38	43		58	64	64 52	73 59	74 59				57 · 2 37 · 0
HOPE 3 NE	MAX	64	69	55	44	45 35		6.6	6.6	6.3	4.6	6.0	2.0	4.6	6.7	67		7.2	5.8	65	66 31	35 29	33	46 23	53	61	65 38	70 58	71 58				56.8 32.9
	I A N	,	,,	22	,,	,,		2.0	2.0	1	- 4																						

Table 5-Continued																Dav	Of	Mont	h													98
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Т	18	19	20	21	22	23	24	25	26	27	28	29 30	31	Average
HOT SPRINGS	MAX	68	61 37	50	39 32	41 38	55 37	53 30	65 24	66	61 31	33	40	50 21	65	7 O 3 3	68 52	62 30	56 34	60 53	58 29	34	49 25	55 24	62 32	65	64 53	65 61	68 60			56.5
JONESBORO	X AM NIM	61	52 35	37 28	39 29	41 37	46 38	43 28	5 7 2 6	64	57 29	29 7	30 14	46 18	57 36	67	61 50	57 35	54 31	62 48	57 33	35 28	40 25	46 26	57	62 30	64 50	72 58	69 60			52.2 33.7
KEO	MAX	71 50	60 39	42	42 32	46 40	48	52 28	64 27	66 37	60 28	33 13	34 20	49 21	62 41	73	62 50	53 31	58	62 51	62 30	3 3 30	42 25	52 25	59 30	64 33	70 53	70 62	75 60			55.9 35.3
LEAO HILL	MAX	56	42	40	34	38 32	51 27	45 21	65 18	67 35	45 15	28 5	32	48 21	56 23	70 22	61 35	51 31	52	58 43	43 27	42	47 15	54 15	48 18	63 19	67 40	69 47	78 48			51.8 26.0
LITTLE ROCK WB AP	MAX	70	48	40	45 31	44 39	51 35	50 34	64 28	66	5 8 2 2	31 13	33	52 22	62 41	70	63 45	50 33	5 7 3 2	62 38	39 30	34 30	44 27	50 26	59 33	61 36	70 53	68 62	73 64			54•1 35•0
MAGNOLIA 3 N	MAX	73 54	62 33	4.8 3.6	47 38	50 41	52	55 28	64 27	66 38	63 38	40 15	46 19	60 26	67 48	7 2 3 4	73 55	62 37	66 37	69 54	68 30	33	41 25	54 22	58 32	66 35	72 54	73 60	77 60			59.9 37.4
MALVERN	MAX	70 55	62	50 35	40 33	45 40	53 39	53 28	63 25	66 32	63 33	34 14	41 12	53 21	65 45	72 30	68 52	61 31	60 32	65 55	61 30	35 30	41 23	54 23	60 31	66 32	69 53	67 61	72 62			57•5 35•6
MAMMOTH SPRING	MAX	56 34	53 31	3 7 27	35 29	41 33	45	47 24	63 19	67 28	57 24	26 4	30 9	39 18	58 30	68	63 46	50 34	5 2 2 5	58 49	56 30	35 21	47 19	51 18	58 20	62 23	61 48	78 47	79 60			52 • 6 28 • 8
MAR I ANNA	XAM NIM	60	70 39	42 31	41 31	43 34	45 34	43 28	48 28	58 32	62 39	63 11	29 12	32 20	47 26	60 31	68 39	61 32	46 31	61 38	62 37	41 31	34 28	43 26	52 30	5 7 32	63 36	67 52	71 60			52.5 32.2
MARKEO TREE	MAX	61 25	61 36	38 29	40 29	42 31	44	44 28	43 26	56 26	64 35	59 8	27 8	29 15	47 18	5 7 30	67 30	58 32	43	58 29	64 36	38 30	35 26	41 25	49 25	55 29	62 30	65 53	71 59			50 • 6 29 • 1
MARSHALL	MAX	63 50	55 32	37 30	35 29	38 33	50 32	48 24	65 24	64 37	58 21	28 5	34 10	40	60 29	67 29	63 46	55 33	50 32	57 49	57 21	40 30	47 19	51 21	52 22	61 23	66 53	76 60	75 55			53.3 31.0
MENA	MAX	64 48	5 6 3 5	49 32	37 31	4 2 3 5	53	52 26	65 28	65 30	58 24	32 8	46 19	49 25	65 31	69 35	62 53	58 31	56 37	58 38	44 27	37 27	51 25	52 23	55 29	65 33	63 54	67 60	65 60			54 • 8 33 • 6
MONTICELLO	XAM NIM	73 55	69 42	5 5 3 5	44	52 35	50 36	52 32	69 26	64	69 33	33 14	40 21	59 27	68 42	71 33	68 54	60 32	65 34	66 54	66 40	42 30	40 28	52 21	58 28	65 39	74 60	76 58	78 60			59.9 36.7
MORRILTON	MAX	68 53	55 39	43 33	38 32	43 36	52 37	49 29	62 26	66	59 26	32 12	35 17	45 20	60 35	70 29	65 51	57 35	52 30	60 52	56 30	38 28	47 24	51 22	59 29	62 31	66 54	73 51	70 58			54.8 34.0
AOI TNUOM	XAM NIM	62 29	68 37	51 33	40 32	38 33	48 37	54 23	53 20	67	65 30	57 9	32 12	42 20	53 29	63	69 28	64 25	55 30	60 39	62 27	38 22	37 11	50 12	53 21	57 23	63 29	65 56	67 62			54.8 27.6
MOUNT MAGAZINE	MAX	59 40	46 28	40 23	33			41 25	55 25	58 43	52 16	20 - 2	30 8	39 23	51 25	61	57 44	50 28	47 30	36	15	19	21	29	31	26	47	55	55			28 • 2
MOUNTAIN HOME	MAX	56 35	52 31	36 28	34 29	37 32	50 31	45 25	65 20	65 37	58 21	26 4	2 9 9	40 19	55 23	68	62 43	51 33	49	55 47	50 32	24	24	49 23	52 22	61 23	64 52	76 50	77 55			52 • 4 29 • 5
MOUNTAIN HOME C OF ENG	MAX	62 28	57 31	35 27	36 27	34 28	38 32	50 25	45 19	65	65 40	50 4	27 2	32 9	41 19	56 26	68 26	61 33	47 30	53 31	56 28	43	37 23	46 23	49 22	52 22	61 26	65 48	76 49			50•3 25•7
NARROWS DAM	MAX MIN	78 26	37	60 36	44 33	43 33	45 41	58 25	56 22	64	66 23	12		46 20	54 21	68	78 29	72 30	60 35	62 40	63 41	39 24	38 20	52 20	56 35	62 32	63 37	66 51	67 59			58 • 4 30 • 9
NASHVILLE PEACH SUBSTA	MAX MIM	63	67 32	5 8 34	42 32	43 32	44	58 30	54 28	62	64 37	58 11	36 11	46 19	53 26	67 35	70 39	68 34	58 34	61 39	63 28	39 25	37 23	49 24	53 30	61 37	62 41	66 54	69 60			56 • 1 32 • 0
NEWPORT	X AM N I M	63	47 34	40 26	39 27	42 35	51 36	49 25	62 19	67 34	54 21	31 5	32 15	45 14	60 36	69	65 47	54 32	55 25	63 47	55 29	35 25	45 22	50 20	60 26	63 28	67 49	75. 55	71 55			53.9 30.6
NIMROO OAM	MA X MIN	63 28		69 38	53 33	55 30	42 31	54 26	5 0 2 2	66 28	67 46	58	32 17	40 18	54 24	61	71 33	65 28	55 28	60 34	63 30	59 22	37 20	49 18	55 25	60 28	67 28	69 55	73 63			57.3 29.9
OK AY	XAM N1M	69 53	62 34	56 37	43 35	45 41	58 41	55 29	63 27	67 35	65 37	40 14	50 18	56 19	70 48	70 31	74 58	67 36	64 39	66 57	65 31	39 29	50 24	55 25	62 30	65 37	69 57	70 60	76 63			60 • 4 37 • 3
OZARK	MAX	68 45	53 35	45 31	40 30	47 36	57 33	47 28	62 23	67 30	58 24	34 8	37 15	47 21	61 27	71	65 51	55 30	49 35	60 36	41 28	42 24	50 22	52 24	59 26	63 32	65 49	70 49	77 56			55 • 1 31 • 3
PARAGOULO	XAM N1M	61 43	51 33	38 28	39 29	43 35	47 28	45 27	55 23	62 33	59 27	27 6	28 12	45 17	55 34	64	62 49	61 35	55 25	61 48	57 30	34 26	41 24	48 25	58 28	61 29	65 47	73 56	70 60			52.3 31.5
PARIS	X AM MIN	69 46	53 35	47 33	40 30	45 35	56 35	54 30	65 23	70 30	62 26	32 9	37 18	53 20	62 31	73 30	67 52	55 31	55 35	64 37	40 29	41 25	50 21	52 23	57 25	67 29	68 51	70 50				56.5 31.9
PERRYVILLE	XAM NIM	70 55	58 40	45 39	39 32	43 35	54 35	50 28	67 30	64 37	56 22		3 B 1 7	51 20	62 38	7 2 2 9	68 53	58 30	55 34	64 53	60 30	38 24	49 25	54 24	60 26	66 31	68 53	70 58				56.6 34.6
PINE BLUFF	MAX	72 54	61 41	4 2 3 5	44 35	43 39	47	54 30	66 29	67 38	63 32		37 23		67 48	73 35	65 51	56 34	63 33	66 54	65 31	34 31	42 28	52 26	59 34	67 36	72 54	70 64	77 63			57.4 37.8
PINE BLUFF CAA AP	XAM NIM	72 46	47 38	42 35	44 36	45 42	47 32	52 29	64 28	65 37	62 24		35 22			73	64 46	50 34	61 32	65 47	47 31	33 31	41 28	51 27	57 32	64 37	70 54	70 61	76 63			55 • 4 35 • 8
POCAHONTAS 1	MAX	60 41	54 33	3 7 2 8	38	42 33	51 33	49 26	60 20	64 32	60 26		32 10		5 8 3 2	65 25	64 47	59 35	52 26	60 47	58 30	35 24	49 29	50 24	59 29	59 28	62 48	75 52	70 59			53.1 30.9
PORTLANO	XAM NIM	62 32	68 40	5 0 3 8	48 37	50 40	47 42	48 30	56 30	64 31	64 37	66 18	36 17		53 22	6 6 3 4	71 33	66 34	55 33	68 34	66 38	41 32	36 31	46 28	54 29	58 38	68 42	71 55				56 • 8 34 • 2
PRESCOTT	MAX MIN	65 31	70 38	57 36	43 35	45 35	45 40	55 28	53 28	63 28	65 38		36 13	43 22		67 33	72 33	73 35	58 35	66 37	65 29	33 29	33 24	43 24	48 24	60 34	65 37	70 56	71 62			56.3 32.1
ROGERS	XAM NIM	58 35	36 28	38 27	36 29	42 31	49	42 22	61 25	65 41	58 15		33 8	42 25	57 24	67	61 35	58 28	51 40	55 35	35 18	40 19	45 21	53 23	48 26	62 26	61 49	61 38	77 53			50.5 28.0
RUSSELLVILLE	XAM NIM	70 51	58 39	48 31	37 23	44 36	54 37	48 25	63 24	67 28	62 29	34 10	35 21			71	69 52	65 29	51 34	62 51	61 29	40	50 22	51 23	59 24	63 29	65 54	76 52	71 52			56 • 5 32 • 5
SAINT CHARLES	MAX	62 36	72 41	46 33	43 33	42 35	45	44 26	50 26	60 29	65 45		29 14			60	7 0 35	64 32	51 30	63 35	63 37	39 31	33 27	44	54. 30	58 31	65 37	70 55	72 61			54.0 32.7
SEARCY	MAX	70 48	65 37	41 29	38 30	43 36	50 38	52 30	61 24	65 32	59 29	32	33	46	62	70	64 50	62 32	56 29	61 50	57 29	3 B 2 6	44	50 23	59	63	68 52	71 59	71 58			55.4 33.1
SHERIOAN TOWER	MAX	72	60 39	45	48 32	35	48	57 25	65 25	67 36	60	33	36 16	55	67	72	6 9	62 29	62 28	64	59 31	39 25	43 27	52 22	60 28	66 38	70	70 55	74		Į	58.3 34.1
SILOAM SPRINGS	XAM NIM	60 38	62 28	3 6 2 8	40	37 30	42	49	38	61	63	31	29	1	45	60	66	59	59 27	56 42	55 17	36 16	40	42 17	53	45 24	59 25	63 37	63			49.4
STUTTGART	MAX MIN	72 48	62	42	40	44	45	51 30	61	66	62	49	35	50	61	71	65	57 34	61	63	69	33	41	53	59 31	66	69	71	74			56.9 36.7

DAILY TEMPERATURES

Table 5 - Continued																														-	EORUA	KT 1	, 700
																Day	10	Mon	th														rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
STUTTGART 9 ESE	MAX MIN		69 49			47 35						61 13	30 15	35 21	49 25	5.8 3.3	69 36		49 32					41	52 30		63 37						53.2 33.4
SU81AC0	MAX		54 36	5 1 3 2	39 29	44 34	56 36	54 30	62 27	68 30	60 28	32 9	37 17	5 1 2 3	61 31	7 2 3 3	68 51	56 31	5 2 3 1	62 30	3¥ 24	39 26	49 24	51 26			67 52						55.5 32.0
TEXARKANA W8 AP	MAX		5 7 36			45 42			63 30	66 40		36 14	48 24	57 30	66 44	7 l 3 9	73 50		65 42					53 27			71 59						58.0 37.0
TURNPIKE	MAX		46 35			35 31		45 29				52 1		39 24		60			44 29		51 24			48 28	51 30		58 41						49.4
WALORON	MAX	67 48	52 34	52 31	48 31	42 33	54 33	50 24	65 20	66 34	62 26	31 8	42 17	5 4 2 2	63 24	7 0 2 6	67 50		54 38					53 20			65 53						56.4 30.9
WALNUT RIDGE CAA AP	MAX	61 39	39 32	36 28	40 30	42 39	50 31	42 27	5 9 2 5	63 37	54 14	2 7 6	29 12	42 20	57 34	65 28	64 37		55 28					49 25			62 52						51.3 31.4
WARREN	MAX				44 37	46 42						38 15				72 33		58 34	65 34			34 31		56 27			70 55						59.4 38.0
WHITE ROCK	MAX MlN		45 27		35 27			43				- ²⁶			58 32				43 31			35 20		46 29	49 31		56 41						47.9 29.1
WILSON	MAX	30	5 B 2 9			32	51 39	41 29	29	63 40	62 30	31 9	32 20		56 32				58 31			31		52 25			63 50						54.6 33.6
WYNNE	MAX	54	51 35	40	40	43	44	45 24	58	63	57	30	29	47 18	58 30	67	59 51		56 27					49 23			64 52						52 • 2 33 • 5

Table 6

EVAPORATION AND WIND

					-			-																									
																1	Day o	и тог	ath														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLAKELY MOUNTAIN DAM	EVAP W1ND		.07		.03		:	.04			.16	188	*		.27			.10	.09	:	*	.11		• 62		.11			.12				1.70
HOPE	EVAP						.03	.16			.14		52	* 16		.13			.15		60	# 15	18	* 19	· 22	.09			.03				2.65
NARROWS DAM	EVAP W1ND				.07			.09		23	1 . 20		- 49	- 32	67				.12 30		.16 89	18	17	- 22	38	- 43			.00 36				1325
NIMROD DAM	EVAP			_ 166	18	27	38	- 52	10	24	91	171	93	- 26	70	40	* 77	* 7	24	66	149	86	15	14	30	* 18	70		.07 80				1545
STUTTGART 9 ESE	EVAP		.04 116		.17		.04 42	15	* 15		.14 76	110	* 96				.11 45		.07 58		.20 150				·12								1.78

																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BRINKLEY	SNOWFALL SN ON GNO																						T									
CORN1NG	SNOWFALL SN ON GND																						0.5									
EL DORADO CAA AP	SNOWFALL SN ON GNO																				Т	T										
FAYETTEVILLE EXP STA	SNOWFALL SN ON GNO	Т			Т						Т	٢													T							
FORT SMITH WB AP	SNOWFALL SN ON GNO				Т																											
GILBERT	SNOWFALL SN ON GNO				T							Τ																				
GRAVETTE	SNOWFALL SN ON GNO										Т																					
JONESBORO	SNOWFALL SN ON GNO																					T T	0.5									
LITTLE ROCK WB AP	SNOWFALL SN ON GNO	т																			0.2	0.6 T	Т									
MAMMOTH SPRING .	SNOWFALL SN ON GNO													T																		
MARIANNA	SNOWFALL SN ON GND												Т																			
MARKED TREE	SNOWFALL SN ON GND		Т									Т										Т										
NEWPORT	SNOWFALL SN ON GNO																						т									
PINE BLUFF CAA AP	SNOWFALL SN ON GNO																				Т	Т										
POCAHONTAS 1	SNOWFALL SN ON GNO		Т										Т									Т										
PRESCOTT	SNOWFALL SN ON GNO																					1.0	2.0	_								
ROGERS	SNOWFALL 5N ON GNO	Т						Т			Т																					
TEXARKANA WB AP	SNOWFALL SN ON GND																				Ť	T	Т									

					Obser- vation		Refe									Obse vation		Refer
Station	ON County	Drainage	Longitude		Temp.	Observer	to table		Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Temp		to tables
Abbott Alicia Alum Fork Aly Amity 3 ME	0008 Scott 0064 Lawrence 0130 Saline 0136 Yell 0150 Clark	1 35 04 7 35 54 1 34 48 3 34 47 3 34 17	91 05 92 52	624 256 755 85-6	5P 5P 7A	James V. Silliams Ruby B. Owens L. R. Sater Sorks Gurn H. Swaim Mrs. Alta F. Garner	3 3 2 3 5 3 3	000	Lurton Madison Msgnolis 3 N Msgnolis 5 N Mslvern	4528 4548 4550	Newton St. Francie Columbia Columbia Rot Spring	5 3 4 3 4 3	5 00 3 19 3 20	93 05 90 43 93 14 93 13 92 49	2007 215 315 360 311	6P 7	AA Lola I. Dollar FA Dawen E. Ghent FA Earl E Grahae ID Ark. Pwr & £gt Co. 5P Malvern Fire Dept.	3 3 2 3 5 7 2 3 5 C
Autolne Aplin l W Appleton Arkadelphin Arkansan City	0178 Pike 0188 Perry 0196 Pope 0220 Clark 0234 Doeha	3 34 02 1 34 58 1 35 25 3 34 07 2 33 37	93 00 92 53 93 03	285 400 522 200 145	7A W1D 6P 6P	Drew A. Lamb Hobart Watts John A. Jones W. H. Halliburton John W. Trammell	3 3 2 3 5 3	CCC	Maamoth Spring Mariaona Marked Tree Marahail Marvell	4638 4654 4666	Fulton Lee Poinaett Searcy Phillipa	5 3 5 3 7 3	4 44 5 32 5 54	91 32 90 49 90 35 92 38 90 55	690 234 229 1050 195	8A 8 7A 7 88 7	FA John H. McKee SA Univ. of Arkansas FA Silliam M. Crick FA Mrs. Minnie Horton SA J. D. Lowrie	2 3 5 7 2 3 5 7 C 2 3 5 7 2 3 5 7 2 3 5
Ashdown Athena Augusta Bald Knob Batmbville Livmatock	0286 Little River 0300 Howard 0326 Woodruff 0350 White 0458 Independence	4 33 10 4 34 19 7 35 17 7 35 18 7 35 49	93 58 91 22 91 34	960 218 230	7A 7A 6P 6P	Southweatern G & E Arra D. Parker David G. Griffiths Univ. of Arkansas Univ. of Arkansas	2 3 5 3 3 2 3 5 2 3 5	c	Naumee Nelhourne Mena Monticello Montrose	4746 4756 4900	Searcy laard Polk Drow Aebley	7 3 3 3 3 3	6 04 4 35 3 35	92 39 91 54 94 15 91 48 91 29	749 610 1207 285 125	6P 7	O Verne S. Cavenport A Mary Allow Govan A E. W. St. John DP Arkanaan A & M Col. ID Ark Pur & Lgt Co.	2 3 5 7 C 2 3 5 7 C
Batosville L & D 1 Bear Creek Lake Beaty Lake Beaver Beehe	0460 Independence 0496 Lee 0512 St. Francis 0518 Carroll 0530 #hite	7 35 45 7 34 43 5 35 05 7 36 28 7 35 04	90 42 90 43 93 46		W1D 5P 7A	Jamea J. Mitchum U.S. Forest Service L. G. Adamson H. E. Skelton Lowell E. Perkins	2 3 5	c c	Morohay Lock & Dam Morrilton Mount Ida Nount Magazine Mountain Hoge	4938 4988 5010	Cslhoun Conway Wontgomery Logan Baxter	1 3 3 3 1 3	5 07 4 33 5 10	92 27 92 45 93 38 93 41 92 23	85 280 663 2N00 800	5P 7	7A Corps of Engineere 7A Emma S. Leaveil 7A William E. Black 7P U.S. Format Service 7P H. H. Hulbert	3 C 2 3 5 2 3 5 C 2 3 5 2 3 5 7
Beech Grove Beedeville Benton Bentonville Berryville	0534 Greene 0536 Jackson 0582 Saline 0586 Benton 0616 Carroll	7 36 09 7 35 26 6 34 33 1 36 22 7 36 22	90 38 91 06 92 37 94 13 1 93 34 1	1295	6P 8A 6P 7A	B. B. Hammond P. M. Breckinridge Mra. Etta C. Burks Earle L. Browne Lucile R. McWethy	3 3 2 3 5 2 3 5	С	Mountain Rose C. of E. Mountain View 1 W Mountainburg 3 SSS Mulborry Narrows Dae	5046	Baxter Stone Crawford Franklin Pike	7 3 1 3 1 3	5 52 5 36 5 34	92 23 92 08 94 12 94 01 93 43	800 768 730 500 425	50 5	A Corpa of Engineere A Mildred E. Ward DP CLOSED A Henry G. Arvin Corpa of Engineere	2 3 5 6 C 3 11 10/54 3 2 3 5 6 C
Big Flat Big Fork Big Lake Outlet Black Rock Blakely Mountain Dam	0662 Baxter 0664 Polk 0676 Missiesippi 0746 Laerence 0764 Garland	7 36 00 3 34 29 5 35 51 7 36 07 3 34 36	93 58 1	238	7 A	CLOSED Anna M. Liles N. W. Douglas Lee S. McKenney Corps of Engineers	1/1/55 3 3 3 3 6	С	Nashville Peach Substa. Nashville SCS Nathan Nechope Newport	5114 5158 5174	Howard Howard Howard Pike Jeckson	4 3 3 3 3 3	3 57 4 07 4 14	93 56 93 51 93 52 93 50 91 17	550 373 550 850 225	M 3	TA Univ. of Arkansas D Soil Cons. Service TA Edoa J. Westfall TA Elale F. Word Luther D. Suamers Ja	2 3 5 3 7 2 3 5 7
Blue Mountain Dam Bluff Clty Blytheville Booneville Botkinburg	0798 Yell 0800 Nevada 0806 Misaissippl 0830 Logan 0842 Yan Buren	1 35 06 3 33 41 5 35 56 1 35 09 7 35 39	89 55 93 55	360 252 511	7A 7A 7P 7A	Corps of Engineers Paul M. Adams R. E. Blaylock Cleo E. Yandell Thoman M. Pearson	3 2 3 5 2 3 5	7 C C	Nimrod Dam Norfork Dam Odell Oden Okay	5228 5354 5358	Perry Baxter Bashington Montgomery Howard	1 3	5 4H	93 10 92 15 94 24 93 48 93 53	470 425 1500 800 300	H1	SA Corps of Engioeere ID Corps of Engineers A Mrs. Renzo Huret A Vers J. Gann SP J. T. Hargis	2 3 5 8 C 3 3 2 3 5
Boughton Bradford Brinkley Buffalo Tower Bull Shoals Dam	0848 Nevada 0872 White 0936 Wobroe 1010 Neeton 1020 Baxter	3 33 52 7 35 25 7 34 54 7 35 52 7 36 22	91 10	240	8A 8A 7A	Mrs. Larue Kelley Marshall Bickmon A. B. Weathersby Deulah F. Powler Corpn of Engineers	3 3 2 3 5 3	7 C	Daceola Owodsville Dzark Paragould Paris	5498 5508 5562	Mississippi Saline Franklin Green Logan	3 3 1 3 5 3	5 43 4 37 5 29 6 04 5 18	89 58 92 49 93 50 90 29 93 45	250 500 396 275	6P 6	SA Alwyn A. Cowan SA Guy Cook SA Burna Wakefield 4P Radio Station KDRS SS Pred J. Girard	3 3 2 3 5 7 2 3 5 2 3 5
Burdette Cmbot 4 S# Cmllco Rock Camden 1 Camden 2	1052 Mississippi 1102 Lonoke 1132 lzard 1152 Duachita 1154 Duachita	3 33 36	92 04 92 08	116	5P 7A 7A 7A	G. A. Hale B. M. Salther Austin D. Harris John W. Knight Edith Z. Lehman	3 3 3 2 3 5	7 C	Parklo Parthonon Perryville Pine Bluff Pine Bluff CAA AP	5602 5694 5754	Cross Newton Perry Jefferson Jefferson	1 3	4 12	90 35 93 15 92 49 92 00 91 58		5P 5	7A Corine D. Gardner ID Arthur B. Carlton 7A Artle E. Rankin 7A Mary T. Scheu ID U.S. Civil Aero Adm	3 C 2 3 5 C 2 3 5 7
Camp Chaffee Canaan Carlinle Carpenter Dam Clarendon	1172 Sebastian 1188 Searcy 1224 Lonoke 1238 Garland 1442 Monroe	1 35 18 7 35 52 1 34 47 3 34 27 7 34 41	92 44 91 45	235	91B 8A M1D	U. S. Army Froney Dell Rorton R. W. Hollis Ark. Pwr & Sgt Co. B. F. Northern	2 3 5 3	c	Pine Ridge Pocahontas i Portland Prescott Prescott SCS	5820 5866 5908	Montgomery Randolph Ashley Nevada Nevada	3 3 7 3 3 3 3 3 3 3	4 35 6 16 3 14 3 48 3 48	93 54 90 59 91 30 93 23 93 23	840 330 122 318	5p 3	7A J. R. Huddleston 7A Benedictine Sistera 7A Mrs. Pearl Newton 7A R. P. Hamby 1D Soll Cons. Service	3 5 7 2 3 5 7 2 3 5 7 2 3 5 7
Clarksville Clinton Cold Springs Combs 3 SE Compton	1455 Johnson 1492 Van Ruren 1520 Scott 1574 Wadison 1582 Newton	1 35 28 7 35 35 3 34 58 7 35 48 7 36 06	92 28 93 54 1 93 48 1	510 1250 1400	7 A 7 A N1D	Dr. Irving F. Beach Earl B. Riddick Margaret Zornes Maude C. Brashears Silliam L. Binam	2 3 5 3 3	C	Pyatt Ratcliff Ravana Remmel Oam Rison	6008 6016 6102	Marion Logan Willer Hot Spring Cleveland	1 3 4 3 3 3	6 16 5 18 3 04 4 26 3 57	92 51 93 53 94 02 92 54 92 11	800 463 250 - 231	М	1D Ona V. McLean 7A Lulu M. Weekw 1D Bonny L. Allen 1D Ark. Pwr & Lgt Co. MA J. H. Yaney	3 C C
Conway Corning Cotter Cove Crossett 7 S	1596 Faulkner 1832 Clay 1640 Baxter 1666 Polk 1730 Ashley	1 35 05 7 36 24 7 36 17 4 34 26 3 33 02	90 35	309 293 440 1050 175	7A 7A 7A 7A	G. Y. Short Mrs. Laura Polk Robert T. Fielding Joe C. Allen U.S. Forest Service	2 3 5 2 3 5 3 3 2 3 5	7 C	Rogers Russellville Salot Charles Salot Francis Searcy	6352 6376 6380	Oenton Pope Arkannas Clay White	1 3 7 3 5 3	6 27	94 07 93 08 91 08 90 08 91 44	1387 360 200 300 245	5P :	SS Howard Fowler SP U.S. Forest Service SA Fish & Sildlife Ser TA Silliam S. Duckley TA Adam C. Melton	2 3 5 7 2 3 5 6 2 3 5 6 2 3 5 7
Crystal Valley Cuasion Farm Dalsy Damsscum Daville	1750 Pulanki 1768 Lincoln 1814 Pike 1829 Faulkner 1834 Vell	1 34 42 1 34 08 3 34 14 1 35 22 1 35 03	91 35 93 45	350 176 629 705 370	6P 6F 7/	Virda Byrd Cummins Prison Farm (Robert T. Tedder #1111am A. Brown J. A. Moudy	3 2 3 5 3 3 3	C 7	Sheridan Tower Shirley Siloam Springs Smithville Sparkman	6586 6624 6698	Grant Van Suren Senton Lawrence Dallas	7 3	15 38	92 21 92 17 94 33 91 18 92 48	290 600 1150 450 260	7A N	6P Ark, Forestry Coam. 7A Maud H. Bradford 7A John Brown Univ. ID Nora F. Rudy 7A Mrs. Rachel Butler	2 3 5 7 3 2 3 5 3
Dardanelle De Queen Denver Dermett Des Arc	1838 Yell 1948 Sevier 1956 Boone 1960 Chicot 1968 Prairie	1 35 13 4 34 02 7 36 23 2 33 31 7 34 58	93 09 94 21 93 18 91 26 91 30	330 420 1028 140 204	5P 7A	Gretchen Goodier D. Tucker Vasser Clarence E. Collins L. W. Wilson C. J. Rister	2 3 5 2 3 5 3 2 3 5	7 C	Stamps Star City 2 S Stove Stuttgart Stuttgart 9 ESE	6820 6856 6918	Lafayette Lincoln Yell Arkansas Arkansas	1 3	13 22 13 54 14 53 14 29 14 28	93 30 91 51 93 19 91 32 91 25	270 392 682 214 198	6P	7A Bubert Caker 7A Ark. Forestry Coam 7A T. P. Simm 7A George L. Clark 7A Univ. of Arkanass	3 3 3 2 3 5 2 3 5 6 C
Devilo Koob Dumas 1 Dumas 2 Durbam Eagle Gap	1982 Johnson 2148 Desha 2150 Desha 2176 Washington 2204 Scott	2 33 53 2 33 53 7 35 57	93 24 91 30 91 30 93 59 94 19	162 165 1243	7P 73	Earnest C. Camphell Ben Johnson Ark. Pwr & Lgt Co. Goldie E. Brink Maxine M. Hooper	2 3 5 2 3 5	7 C C	Subiaco Sugar Grove Sugar Loaf Mountain Taylor Texarkana #B Airport	8940 6944 7038 7048	Logan Cleburne Columbia Willer	7 4	35 18 35 04 35 29 33 06 33 27	93 19 93 48 91 58 93 27 94 00	500 500 300 247 361	M, QTH	7P New Subiaco Abbey 9A O. R. Fennell 7A CLOSED 7A Idells O. Norwood ID U.S. Seather Bureau	
El Dorado CAA AP Eureka Springa Eccning Shade Fayetteville Fayetteville CAA AP	2300 Union 2356 Carroll 2366 Sharp 2442 Washington 2443 Washington	3 33 13 7 36 24 7 36 05 1 36 05 7 36 00	91 37 94 10	1465 490 1370	6P 61	U.S. Civil Aero Adm Mabel F. Spray Opha Wolfe Charles F. Ford U.S. Cieil Aero Adm	2 3 5 3 2 3 5	7 7 C	Turopike Viola Waldron Malnut Groee Balnut Ridge CAA AP	7450 7488 7524	Pope Fulton Scott Independence Lawrence	7	35 40 38 24 34 54 35 51 36 08	94 06	675 250	5p	6P U.S. Forest Survice 7A A. F. King 5P William D. Givene 6P A. H. Faet 1D U.S. Clvil Aero Ade	2 3 5 7 C
Payetteville Exp. Sta. Filppin CAA AP Fordyce 6 # Foreman Forester 4 WNW	2444 Wasbington 2528 Marion 2540 Dallan 2544 Little River 2556 Scott	7 36 18 3 33 49 4 33 43	94 10 92 36 92 31 94 24 93 53	700 280 400	MID MII 5P 51 MII	P Univ. of Arkanaas D U.S. Civil Aero Adm P John Yeager D Leslie P. Callens A Mrs. L. L. Nelgon	2 3 5 2 3 5 2 3 5	7 C	Barren Bashita Beat Fork wheeling Whits Rock	7592 7694 7744	Bradley Montgomery Washington Fulton Franklin	7	33 36 34 38 35 55 36 19 35 41	92 04 93 32 94 11 91 52 93 57	208 610 1340 680 2285	M	6P Warren Cotton D11 (7A Nora Lee Mayhorry 11D Mrs. N. C. Threlkel 11D Thomas S. Cone 7A U.S. Forest Service	d C
Forrest City Fort Smith WB Airport Fort Smith Water Plant Fountain Bill Fulton	2564 St. Francis 2574 Sebastian 2578 Crawford 2598 Ashley 2670 Bempstead	3 33 21	90 47 94 22 94 09 91 50 93 48	458 793 175	MID M11 5p 7/	D Thomas A. Moore D U.S. Seather Bureau A R. J. Schoeppe P Jethro R. Denson A lna J. Logan	2 3 5 2 3 5 3 3	7 C	Whitecliffs wileon Rinfrey wing Synne	7936	Sevier Nisslssippi Crawford Yell Cross	1	33 48 35 34 35 44 34 57 35 13		350	5p y 38	7A L. M. Snead 7A D. D. Anderson IID Clyde F. Meadors IID Miles B. Turner SS Wm. M. Courtney	3 2 3 5 C 2 3 5
Georgetown Gilbert Glenwood Grannin Gravelly	2760 White 2794 Searcy 2842 Pike 2908 Polk 2922 Yell	7 35 59 3 34 2D 4 34 14	91 28 92 43 93 33 94 20 93 41	595 547 920	6P 7	A Bessie E. Akers A C. Eli Jordan A Dainy G. Vaught A S. E. McVay A Willie Pendergrasa	3 2 3 5 3 2 3 5 3	7 C	Yelleille	8084	4 Marion	7	_	92 41			7A Madge V. Dombier	3
Gracette Green Forest Green Mountain Greenbrier Greenwood	2930 Benton 2946 Carroll 2952 Stone 2962 Faulkner 2976 Sehastian	7 36 20 7 36 D2 1 35 14	94 28 93 26 92 12 92 23 94 15	1350 1100 360	7A 7.	S Elson 8. Schmidt A Dbed B. Wilson A U.S. Forest Service A Thomas E. Cantrell A Dorothy M. Been	2 3 5 3 2 3 5 3 3	7	† Rebar Springs 3 NE Danville SCS		Cleburne Yell	7	35 32 35 04	92 01 93 24	525 370	M	7A Lester R. Logan IID Boil Conservation S	or c
Gurdon Bampton Bwrdy Barrinon Beher Springa 3 5#	3074 Clark 3098 Calhoun 3132 Sharp 3164 800ne 3230 Clehurne	3 33 32 7 36 19 7 36 14	93 09 92 28 91 29 93 07 92 03	202 362 1052	8 MI 6P 6	A Roy S. Robbs A Soll Cons. Sereice D Theresa Donaldson P R. C. Beene D Wayne Stark	3 3 2 3 5	c										
Bector Belena Benderaon 2 B Bope 3 NE Bopper	3235 pope 3242 Phillips 3258 Bexter 3428 Bempntead 3438 Wontgomery	4 33 43	90 35	200 580 375	6P 7	A Dorothy R.Spilsbury A Charley M. Friddell P Emil W. Bentaien A Cecil M. Bittle A Lona A. Shielde	3 2 3 5 3 2 3 5	8 C										
Boratio Bot Springs Buntswille Buttig Dam index	3442 Sevier 3466 Garland 3540 Madison 3556 Union 3584 Little Rive	7 36 05	93 03 93 44 92 05	630 1453 60	5P 5	A Elizabeth S. Frida; P Natl Park Service D May Pearl Markley A Corps of Englusers A W. E. McDowell	3 2 3 5 3 3	7 C C										
Jasper Jeamieellle Joneaboro Eeo Elogsland	3600 Neeton 3704 Garland 3734 Cralghead 3862 Lonoke 3904 Cleveland	7 36 D 3 34 4 7 35 5 1 34 3	93 11 93 04 93 04 90 42	857 730 345 230	8P 7	A Lottle D. Daele A Mrs. Velma M. Dunn A Benedictinn Sister P R. A. Saller D Claudie S. Hunter	3 3 2 3 5 2 3 5	7 C										
Lake City Lamar 2 SW Langley Lend Bill Lee Creek Guard Sta.	3998 Craighead 4019 Johnson 4060 Pike 4108 Boone 4116 Crawford	7 36 2	90 26 93 25 9 93 51 4 92 54 2 94 19	550 796 650	7D 7	A Treasa St. Clair D Peach Exp. Station A Mabel F. Forrseter P F. W. Sellogs A D.S. Forest Sereic	3 2 3 5 3	С										
Leola Little Rock WB Airport Little Rock Filt. Pl. Lost Corner Louann 2 SE	4134 Grant 4248 Pulaske 4250 Pulaske 4324 Pope 4332 Dnion	1 34 4 1 34 4 7 35 3	92 35 4 92 14 6 92 19 4 92 5D 2 92 46	257 512 1550	NID NI	J. R. Rhodee U.S. Weather Surea L. R. Water Worka Catherine Russell Flora A. Hamilton	3 2 3 5 3 3 3	7 C	† Continuati	on of	Sugar Loaf M	ounta	in rec	ord.				
-							1 W 2	STIER										

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Montbly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otberwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and bail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for seccessive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of Arkansas may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas.

- Data in the column formerly headed "No. of Days .01 or more" bave been changed to "No. of Days .10 or more" effective January 1, 1954.

 No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Mount included in following measurement, time distribution unknown.

 [// Gage is equipped with a windshield.

 AM Data based on observational day ending before noon.

- AM Data based on observational day ending before noon.

 Adjusted to a full month.

 C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

 E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

 R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

 T Trace, an amount too small to measure.

 V Includes total for previous montb.

 SS This entry in time of observation column in Station Index means observation made near sunset.

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NWRC, ASHEVILLE, N. C. -- 4-29-55 -- 1005

TEMSON COLLEGE LIDRARI

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

MARCH 1955 Volume LX No. 3



ARKANSAS - MARCH 1955

WEATHER SUMMARY

With temperatures near average at 53.0° and precipitation well above average at 5.67 inches, conditions were generally favorable to agriculture. However, a disastrous cold wave overran the State during the last week in March dropping temperatures more than 30 degrees below normal on the 26th. Gardens were severely damaged and crops of peaches, plums, and pears were mostly destroyed.

The average temperature of 53.0° was only 0.2° above normal. Except for a brief period of cool temperatures on the 7th and 8th, March 1st through the 15th was well above normal including several days with temperatures more than 20° above normal. Beginning on the 16th temperatures dropped below normal and, except for parts of the State on the 20th and 31st, remained below the rest of the month. The extreme effects of the cold wave were felt on the 26th when temperatures dropped to more than 30° below normal over large areas of the State. Lowest reported on the 26th was 2° at Mount Magazine and White Rock and most minimum temperatures over the State were under 10 degrees. Highest mean temperature was 60.1° at Crossett and lowest was 46.4° at Green Mountain. The highest temperature of 93° was recorded at Narrows Dam on the 13th. Quite generally, highest temperatures on record for the date occurred on the 10th and 12th and the lowest on record for the date occurred on the 25th, 26th, and 27th.

The average precipitation of 5.67 inches was 1.14 inches above normal. Periods of precipitation were the 1st, 5-6th, 13-22nd, 25-26th, and 31st. Except for small areas in the northwest and extreme southwest, the entire State received normal or above amounts with many stations recording two or three inches above normal. Greatest total recorded was 9.69 inches at Dermott. Other large amounts were 8.36 inches at Crossett, 8.31 inches at Bald Knob, 8.26 inches at Helena, and 8.02 inches at Searcy. Snow fell in measurable amounts at a number of stations in the northern portions on the 21st and 22nd. The greatest amount was 2.0 inches at Eureka Springs and Harrison. Numerous stations reported no snowfall during the entire month. The least monthly total precipitation was 3.01 inches at Whitecliffs.

A reversal of seasonal temperature trends with the first half of the month extremely warm caused early advancement in the growth or leafing of most types of plant life. With the rapid growth of vegetation, peaches, plums, and pears were in full bloom by the middle of the month. The second half saw falling temperatures which reached record lows on the 26th and 27th with disastrous results to all vegetation to the extent of freezing leaves on the trees. Peaches, pears, plums and virtually all tender vegetables were destroyed almost completely. Strawberries were damaged in varying degrees and wheat, rye, and barley were seriously hurt. Much of the lespedeza just coming up at that time was lost. On the brighter side, soil moisture was generally adequate over the State and land preparation was progressing satisfactorily although farm work was not as far advanced as at the same time last year. There was some uncertainty as to the extent of damage to the small grains. However, some of the damaged acreage was expected to be replanted. The March freeze killed tomato plants in cold frames, severely damaged radishes, greens, and spinach. Potatoes were frozen back to ground level and most farm gardens had to be replanted.

STORMS

Six severe storms were reported; one on the 14th with wind and hail damage at Winchester, one on the 16th with lightning striking a house in Sheridan injuring two persons and causing minor damage to a house in Prattsville, and four on the 20th from 12:30 p.m. to 3:30 p.m. At 12:30 p.m. a tornado occurred in Logan County affecting areas north of Subiaco and northeast of Subiaco near Scranton. At 2:00 p.m. high winds caused considerable property damage at Plumerville, Guy, Needs Creek, Friendship and Pleasant Valley communities, Quitman and Ida. One person was injured. The American Red Cross reported 8 homes and 8 other buildings damaged in Conway County, 6 homes damaged in Clebourne County and 4 homes and 15 other buildings damaged in Faulkner County. At 3:15 p.m. high winds, hail, and heavy rain struck Hope where many homes were damaged by wind and more extensively by heavy rain. At 3:30 p.m. a tornado occurred in Mississippi and Craighead Counties injuring one person and damaging 18 homes in Craighead County and 1 home and 2 other buildings in Mississippi County. The tornado then moved over the State Line into Missouri where two homes were damaged. Heavy rains especially in the Jonesboro area, caused temporary inundation of thousands of acres of farm land.

Marion G. Talcott

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h		Relat		idity average cent	s		Numi	per of da	iys with	precip	itation			hset
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile		3	a		Trace	01-09	10 49	66 -09	66 00	2 00 and over	Cotai	Percent of cosmble cunshine	Average ky cover unnise to sur
FORT SMITH W8 AIRPORT	ENE	19	et. 4	33	Ε	3.							-				-	Part 77 11	
LITTLE ROCK W8 AIRPORT	SSW	1,	II s	4			1 8												
TEXARKANA WB AIRPORT	-	-		-	-														

Table 1

COMPARATIVE DATA

	Т	emperati	пе	P	recipitati	on		Т	emperatu	10	P	recipitati	on		Т	emperatu	пе	P	recipitati	on
Year	Average	Highest	Lowest	Average	Average		Year	Ачетаде	Highest	Lowest	Åverage	Average		Year	Average	Highest	Lowest	Average	Average	
1891 1892 1893 1894 1895	46.7 47.9 50.1 54.6 51.8	79 84 82 88 91	10 9 5 8 10	5.10 3.44 3.55 9.84 5.39	3.8 T 0.8		1916 1917 1918 1919 1920	54.5 53.0 57.9 53.2 51.8	91 87 96 86 88	11 9 16 11 2	1.93 5.32 1.31 5.47 5.31	T 1.0 0.0 0.5 0.3		1941 1942 1943 1944 1945	47.5 53.0 46.9 51.3 58.9	80 89 84 87 92	13 18 - 6 14 16	2.21 3.95 5.66 6.13 11,12	0.2 2.0 0.2 0.2 0.0	
1896 1897 1898 1899 1900	48.7 55.9 54.5 50.6 51.2	85 88 88 87 90	12 13 18 1	5.28 9.76 5.96 2.97 2.50	1.3 T 0.1 0.4 0.8		1921 1922 1923 1924 1925	60.8 51.7 49.6 46.6 55.9	92 83 88 84 89	18 7 2 5 7	6.55 8.58 5.04 3.27 1.69	T 0.3 T 6.8		1946 1947 1948 1949 1950	58.2 45.0 50.6 50.9 49.2	94 79 89 84 85	19 5 -14 18 11	5.47 2.69 5.72 5.42 4.20	0.0 0.9 1.4 0.5	
1901 1902 1903 1904 1905	51.5 52.6 54.8 55.3 57.1	86 89 85 90 92	4 14 11 12 26	4.67 5.34 5.56 5.64 5.31	T T 0.6 T		1926 1927 1928 1929 1930	48.5 53.5 52.7 55.7 50.4	86 87 92 98 83	11 5 20 19 15	5.57 7.24 2.53 3.77 2.21	0.4 0.6 0.1 T		1951 1952 1953 1954 1955	51.3 50.1 56.2 50.8 53.0	87 89 90 90	11 14 20 10	2.40 5.59 7.37 2.06 5.67	0.2 T T 0.1	
1906 1907 1908 1909 1910	45.2 61.9 59.5 62.7 60.7	88 96 93 84 92	10 25 21 16 22	5.69 3.22 3.79 3.71 1.39	0.4 0.0 0.1 T		1931 1932 1933 1934 1935	47.5 48.2 52.6 49.6 58.7	85 88 91 85 90	16 2 17 4 18	4.21 4.48 4.87 6.53 8.29	0.4 0.7 T 1.0		All Years	52.4			4,75	0.5	
1911 1912 1913 1914 1915	56.6 45.8 49.7 50.0 42.5	94 86 88 86 73	15 10 8 4 14	2.17 7.86 4.74 5.13 3.54	0.0 0.2 0.8 1.9 0.7		1936 1937 1938 1939 1940	57.1 48.7 60.3 54.4 52.0	88 84 91 88 88	22 14 20 19 9	2.19 3.04 6.02 3.71 2.39	T 0.3 0.0 T 0.7								

Beginning with 1955, averages have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

				Ten	npera	ture										P	recip	itation					
				la					93	No	o. of	Days	3		20	Α.		Snow,	Sleet, I	Tail	No	of I	lays
Station	Average Maximum	Average Minimum	Average	Departure From Norm	Highest	Date	Lowest	Date	Degree Days		I M	Below Below	# 0	Total	Departure From Norm	Greatest Da	Date	Total	Max. Depth on Ground	Date	.18 or More [©]	.50 or More	1.00 or More
HIGHLAND DIVISION ALUM FORK ASHDOWN BENTON BENTON BENTONVILLE BOONEVILLE CAMP CHAFFEE CLARKSVILLE CONWAY DAROANELLE DE QUEEN	65.3 70.3M 65.5 61.1 65.9 65.1 64.9 66.4 66.0	40.9 43.8 41.2 35.9 40.4 39.6 40.3 42.6 41.8M 43.5	53.1 57.1M 53.4 48.5 53.2 52.4 52.6 54.5 53.9M 56.7	0.0 0.8 0.5	89 83 87 86 86 86	10 11 10+ 10 10+ 10+	15 18 14 7 13 14 13 17 15	27 27 26 26 26 26 26 26 26	396 309 393 515 395 413 406 363 367 299	0000	0 0	8 11 10 9 11 9	000000000	5.83 3.99 6.97 3.04 5.82 5.17 5.52 7.00 4.61 5.66	0.14 - 0.39 2.40 0.30 1.13	2.00 2.39 1.66 1.97 2.20 1.82 1.67 1.64	21 21 21 21 21 17 20 21	T 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 1 7 0 0 0 0 0 0 0	22	8 5 8 8 8 8 8 7	5	2 1 2 1 2 2 2 2 1 2

TABLE 2 - CONTINUED

TABLE 2 - CONTINUED					Tem	pera	ture			_						P	recip	itation					
					al				s,	1	No. c	of Da	iys		la	, A		Snow,	Sleet, I	fail	No.	of I	ays
Station		e nm	. н	Φ.	ture Normal				Days	N	lax.	1	Min.		ture Normal	st Day			epth		re ①	Моге	
		Average Maximum	Average Minimum	Average	Departure From Norn	Highest	te	Lowest	Degree	JO.	32° or	32° or Below	O or Below	Total	70 F3	Greatest	Date	Total	Max. Depth on Ground	Date	or More	or N	1.00 or More
		A M	M. A.	Āv	Fr	Ξ	Date	್ತಿ ದೆ	å	96	32	32 Bel	0 8	Ţ	Dep	ű	Ã	To	M _e	ñ	-10	.50	
OEVILS KNO8 EUREKA SPRINGS		58.8 62.1	37.2 38.3	48.0 50.2	0.2	79 82	10	3 26 7 26	531) 1	10	0	5.65 3.28	- 0.51	2.89	20	7 2.0	0		7	2	2
FAYETTEVILLE FAYETTEVILLE CAA AP		61.7 60.2	37.9 36.4	49.8 48.3		83 83	10	8 26 9 26	480 523) 1	10	0	4.27 4.34		2.11		1.3	1	21+	6 5	2	2
FAYETTEVILLE EXP STA FLIPPIN CAA AP		60.5 61.4	37.8 35.7	49.2 48.6	- 0.5	81 84	10	9 26 10 26	496 514) 1	111	. 0	4.05 3.56	0.55	2.17	20	0.7	T 1	21+	6	2	2
FORT SMITH W8 AP FT SMITH WATER PLANT	R //	63.6 64.1	40 • 6 37 • 8	52.1 51.0	~ 0.2	86 85	11 10+	15 26 11 26	419		0 0	11	0	5.18 3.85	2.09	1.92	20 18	T	T	21+	7 5	3	2 2 2 2 2
GILBERT GRANNIS		64.5	36.5 42.0	50.5 54.3	2.6	83	10+	10 27 13 27	466 364			13		4.81. 5.23	1.98	2.35		0.0	0		8	3	2
GRAVETTE GREEN MOUNTAIN	Ам	60.7 59.1M	35.3 33.6M	48.0 46.4M	- 0.7	83	10	6 22	527 595) 1			3.26	- 0.12	1.90	20	т			4	2	1 2
HARRISON HOPE 3 NE	AM	62.9 67.6M	36.6M 42.7M	49.8M 55.2M	1.0	85 88	10	9 26 19 27	490 348) 1	12	0	3.70 5.03	0.55	2.15	20	2.0	0		6	3 2 2	1
HOT SPRINGS LEAD HILL		67.3	44.8 34.3M	56.1 48.6M	1.9	85 83	11	17 26 10 26	327 523		0 0	6	0	6.29 3.15	1.46	1.77	21	0.0	0		8	4.	3
LITTLE ROCK WB AP	R //	64.3 69.1M	43.8 43.7	54.1 56.4M	1.3	85 86	11	19 26 17 27	388	3 (0 0	7	0	4.75 7.51	- 0.10	1.80	20	T 0.0	0		7 8	4	1 3
MALVERN MAMMOTH SPRING		63 • 3 62 • 0M	36 • 2M 37 • 7M	49.8M 49.9M	0.0	85 84	10	10 26	485		0 1	114	0	3.84	0.44	1.95	21	T 0.0	T 0	22	4 7	2	2 2
MARSHALL MENA		64.9 64.6	42.3 41.9	53.6 53.3	1.0	84 85	11	13 26 16 26	379		0 1	. 8	0	4.51 7.03	0.01	1.55	21	T 0.0	0		7 9	3	2
MORRILTON MOUNT 10A	AM	65.0	39.1	52.1 47.6	0.0	84	11+	13 27	423		0 0	10	0	4.83	0.33	1.90	21	0.0	0		7	3	2 2
MOUNTAIN HOME		57.2 61.7	38.0 37.2	49.5	- 0.3	77 84	10	2 26 9 26	494		0 1	11	. 0	6.77 3.93	0.26	1.96	20	0.0	0		5	5	1
MOUNTAIN HOME C OF ENG NARROWS DAM	AM AM	61.2	34.3M 40.6	47.8M 54.4		93	11	9 26	548 355	1	2 0	12	0	7.23		2 • 2 9 3 • 6 0	21	0.0	0		7	2	2
NASHVILLE PEACH SUBSTA NIMROO OAM	AM AM	66.6	41.8 40.2	54.0 53.4		86 86	13	16 27 15 26	367			10	0	5.40 5.77	0.01	3.03 1.75	21	0.0	0		8	5	1 2 1
OKAY OZARK		70.5 64.3	45.9 39.6	58.2 52.0	2.6 0.6	88 83	11+	21 27 12 26	277 415		0 0	10	0	6.07	- 0.26 2.32	2.22	18	0.0 T	0		7	3	3
PARIS PERRYVILLE		66.6 66.1	40.3 41.9	53.5 54.0	2.4	87 86	10 11	14 26 18 26	384	- (0 0	8	3 0	6.53 7.56	3.70	1.95 2.24	21	0.0	0		9	5	3
ROGERS RUSSELLVILLE		61.4	37.3 40.2	49.4 52.8	0.4	82 85	10	7 26 11 26	489		0 1			3.36 7.18	0.01 2.84	2 • 42		1.2	0		3 8	2 5	1 3
SHERIOAN TOWER SILOAM SPRINGS	Ам	68.8M 60.1	43.1 33.8	56.0M		87 83	10	15 26 8 22	322		0 0			6.70 3.29		2.00		1.0	0	22	8 5	6	2
SUBIACO TEXARKANA W8 AP	R //	64.7 68.4	41.4 45.8	53.1 57.1	0.0	85 89	10 12	9 26 21 26	394		0 0			6.98	3.18 1.10	1.94		0.0 T	0		5 7 7	4	4
TURNPIKE WALORON		58.0 66.7	38.3 40.4	48.2 53.6		7B 87	11 11	5 26 13 26	520 386	1	0 1		0	5.16 4.90	1 • 12 1 • 18	2.00	20	T 0.0	0		7 8	3	2 2
WHITE ROCK		59.6	37.1	48.4		78	10+	2 26	515		0			5.83		3.05		0.5	Ť	22	6	2	2
OIVISION				51.9	0.0									5.15	1.09			0.2					
OELTA DIVISION		'		'																			
ARKAGELPHIA BALO KNOS		64.4	41.9	53.2		82	11	16 26	388	3 1	0 0			6.49 8.31	1.61	3.50 1.38	21	0.0	0		10	8	
BATESVILLE LIVESTOCK BATESVILLE L AND 0 NO 1	АМ	62.2	37.0 40.1	49.6 52.1		81 83	11+	10 26 14 26	484	3 -	0 0	9	0	5 • 87 5 • 69	1.73	2.05	21	T	0		10	3	2
BLYTHEVILLE BRINKLEY	Ам	61.8	41.1	51.5 53.6	0.3	79 82	12	15 26 18 26	379	-	0 0) 6	5 0	6.31 6.58	1.70	2.06	21	0.0	0		10	· 5	1 2
CAMOEN 1 CORNING	AM AM	70.6 61.3	44.6 39.6	57.6 50.5	- 0.3	90 79	12 11+	23 26 13 26	457	7	0 0		9 0	4.39	0.33	2.18	18	0.0	0		5 7		1 2
CROSSETT 7 S CUMMINS FARM		75.0	45 • 2	60.1	4.1	90	11	21 27	235		1 0			8.36	3.21	5.55	21	0.0	0		4	4	2
OES ARC OUMAS 1	АМ	68.9	42 • 4 45 • 5	53.1 57.2	1.6	90	12	18 26 20 27	290		0 0	ع اد	5 0	4.52 5.53	- 0.30	1.75 3.57	21	0.0	0		9 6	2	1
EL OORAOO CAA AP FORDYCE 6 W		70.1	44.4	57.3 58.2	2 • 8 3 • 6			20 27 17 27	265	5 -	0 0		5 0	4.29 6.08	- 0.87 0.50	2.27 3.95	21	0.0	0		5	3	1
HELENA JONESBORO		67.9 62.8	45.5 41.8	56.7 52.3	2.9	84 79	11 10+	19 26 14 26	297	+	0 0	0 7	7 0	B.26 6.96	2.23 2.19	3 · 10	18	0.0 T	0 T	26	10		3
KEO MAGNOLIA 3 N		65.7 71.5M	43.4 42.2M	54.6 56.9M	- 0.6	86 90	11	19 26 17 27	320		0 0	0 7	7 0	7.61 3.95		1.75		0.0	0		8	6 2	2
MARIANNA MARKED TREE	AM AM	62.8	42.7 39.1	52.8 50.3	- 0.8	81 81	12 12	18 26 15 26	+ 466		0 0	1 9		7.22 7.56	2.34	2 • 76 1 • 79	21	T	0		8 10		1 4
MONTICELLO NEWPORT		63.6	39.1	51.4	- 1.1	85	11	12 26	443	1	0 (0	4.65 7.51	2.72	3.10	21	0.0	0		3	2	
PARAGOULO PINE BLUFF		62.1 68.1	40.0 45.9	51.1 57.0	2.0	79 90		13 26 21 26	445	5	0 1	1 10	0	5.41 5.91	0.49	1.05	17	0.0	0		10	4	2
PINE BLUFF CAA AP POCAHONTAS 1		65.6	44.0 38.9	54.8 51.3	0.3	85	11+	20 26 12 26	+ 360	U	0 0		7 0	6.24		2.20	20	0.0 T	000		7 6	5	2
PORTLANO PRESCOTT	AM AM	68.9M 66.9	44.5	56.7M 54.8	- 0.2 - 1.1	88		22 26 18 27		7	0 (0 0	6.11 5.90	0.83	2.00	21+		0		6	4	3
SAINT CHARLES SEARCY	АМ	65.6	44.3	55.0	0.8		12	20 26 15 26	345	5	0 0	0 7	7 0	6.21	i	2.97	21	0.0	0		7	. 5	1
STUTTGART STUTTGART 9 ESE	Ам	67.0	45.3	56.2	2.3	85	11	19 27 20 26	321	1	0 0	0 6	5 0	7.29	1.83	3.05	16	0.0	0		12	4	2
WALNUT RIOGE CAA AP WARREN		60.2 71.1M	39.2 46.2M	49.7 58.7M	2.7	79	10	12 26	485	5	0 1	1 9	9 0	7.47	2 • 36	1.84	20	T	0		6	6	2
WILSON WYNNE		64.1 62.9	42.5 42.9	53.3 52.9	1.5	80	11	14 26 16 26	380	D C	0 0	0 6	6 0	5.25 7.64	2.97	2.95 1.88		0.0	0		10	6	3
DIVISION		02.9	72.9	54.1	0.3	80	11	10 20	400		0 (0 7	7 0	6.19				0.0	0				
STATE				53.0	0.2									5.67	1 1			0.1					
			L			L	l			L		1		3.01	1.14			0.1			L		

Table 3

Station	Total	1	2 3	4	5	6	7	8	9	10	11	12	13	of m	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	9
OTT CIA	7.61 7.18	.85			.60	.64							†14	.56 .51	.32	T	•68 T	1.17	.67	.04	2.70	•16 •39		-			-		-		
FORK	5.83 5.60 7.16	•15 T		Т	Т	.43 .41 .51	.01			Т			.30 .43 .29	.40 .61	T	•15 •14 •77	. 05 T	.45	.09 1.12 .76	2.31 T	1.50	T • 14									
IN 1 W	8.14	.43				.19 .86							•16	.19		. 29 . 28	. 82	.04	1.63	2.52	2.88	.60									
ADELPHIA ANSAS CITY DDWN	7.24 3.99					.20 .04 .39	.05			•02			•56 •26	*08 T	Т	.46 .09 T	.02 T	.04 .01 T	1.20 .96 .44	.26	3.50 4.68 2.00	.32	.10								
NS JSTA J KNOB	6.28 7.76	•13 •27				.15				T		_	• 41	.40	.59	.03	T .37	1.05	1.68	T	2.93	•18 •70									
ESVILLE LIVESTOCK ESVILLE L AND O NO 1	5.87	.50		т	.10	1.02 .37 .67							.24 .11 .35	.98 .30 .50		.70 .25 T	.54	2.05	1.02 .26 .36	.05	1.65	.22		.01		T					
TY LAKE VER CH GROVE	5.63 3.60 3.78	.15 .02		ı	T +11	.90	Т			Т		Т	.15	•60	0.6	.25 T	.34	•29 •46	.04	.10	1.65	.05		Т	.05	Ţ	Т				
DEVILLE	7.71			ļ	Т	2.02						Т	T •21	.25		1.03	.07	.81	.16 1.76 .85		1.40 1.61 2.39	•31 •48 •31									
DNVILLE FORK LAKE OUTLET	3.04				.09	.04							• 84		•03	T	.02	.50 .65	.04	.30	1.66	.30 .12				T					
K ROCK ELY MOUNTAIN DAM	4.31 5.33	*38 T	Т			.09 .16							T +34	.21	.00	.U3 .43	Т	1.52	-13 -72	.07	1.64	.18	-			Т		-			
FF CITY HEVILLE	6.31 5.82	.50	т		.06	.35 .78							0.3	. 20	•02	.31	3.2	2.06	.75	.30	3.16	.38			.13	.08					
HTON FORD	5.97	.25				10				Т			.03 T	.34 .17 .27	.23 .05 .75	- 15	. 19	.09	.96	.02	1.97 3.47 2.15	1.02			T						
NKLEY FALO TOWER DETTE	6.58 5.88 8.19	.67				1.13							.70 .35	•17 •05	.60 .71	.42 .47	.74	.38 1.60 1.77	T		2.34	•33 •20									
DT 4 SW ICO ROCK	6.09	.14				.79 T								1.37	T	T .U6		.36	1.63	.97	1.63	+17				Т					
DEN 1 P CHAFFEE .ISLE	4.39 5.17 6.87	•13 •52				.06	. 37			T			.07 .19	•03 •27 •76	.05	.10	•26 •02	.08 1.74 .19	.91 .16	.03	2.18 2.20 2.30	.63 .13									
RENOON RKSVILLE	6.32 5.52	.07			Т	.58							•07 •32	•15 •91	.73 T	.76	1.82		•67 •23	1.52	2.34	.81									
NTON) SPRINGS NAY	5.79 6.86 7.00	•26 •30				.50 1.70						.01	.36 .40 .30	.51 .43		.23 .12	.06	1.72	1.60		1.75 1.80										
ITNG TER	9.96 3.71	•34 •32				T						.39	T	.05 T	т	*13 T		1.79	.08	.41	1.50	.15				T					
SSETT 7 S STAL VALLEY	3.92 8.36 4.93					.30 .04 .43			.03				•65 •25	•05		.02 T		•15 •83	.96 1.16 .91	. 75	1.45 5.55 2.05	•34									
IINS FARM	6.45	.01		-	-	•62	-	-	-	-	-		- 24	•30	-	.82	.01		1.07	-	2.46	.69	-	-	-	-	-	-	-	-	
SCUS ILLE ANELLE	6.95 5.82 4.61	.28 .25				.78 1.85							.30	1.20 .50 .38	•40	•10 •21	•21 •18 •65	+16	.65 .54		1.40 1.40 1.64	.65 .10									
UEEN OTT	9.69				• 25	1.01							1.10			.16		.10	1.25	.22	.72 5.68	1.19									
ARC LLS KNO8 VS 1	4 • 52 5 • 65 5 • 53	•11 •16		T	.07	.85 .04			т	T			• 20 • 32	•12	.35 .04	. 35	T	.28 1.76 .02		.16	1.75 2.89 3.57	•11 •12			T	Т					
E GAP DORAGO CAA AP	4.29	-		-	Ť	T	-	-	-	-	-	- 1)	.18	-	T	.02	.01	.19	.82	.80	2.27	-	-	•	-	-	-	-	-	•	
EKA SPRINGS NING SHADE ETTEVILLE	3 · 28 4 · 38 4 · 27	.43			.09	T							.08	.18	.05	Т	1.03	1.82	•02	2.11	.20	.03 .29			T	Ţ					
TTEVILLE CAA AP	4.34				.04	. т								. 33 T	.11	T	1.02	. 15	.04	2.01	.26	.06			T	T	Т				
PPIN CAA AP DYCE 6 W ESTER 4 WNW	3.56 6.08 5.31	.04			* 02	.79 1.00			Т				.39 .28	• 37	T	.10	1.21		.79		3.95 1.74	T			T						
T SMITH WE AP R// SMITH WATER PLANT	3.85	Т				*06 T							•16 •23	. 35	Т	11.0	1.82	.13 1.66		1.92						Т					
NTAIN MILL FON RGETOWN		.20		• 4	7 1.55	1.40 .09 1.80				Т			.18 T	T •10	.03	.03 T	.J8	.52	1.25 .53 .81	T	4.00 2.52 1.70	.45 .48	.45								
BERT NWOOD" NNIS	6.70	.38 T			T	. 33							.17	•03		1.48	1.00	. 34	.94		2.35 3.16	.05									
WHIS /ELLY /ETTE EN FOREST	5.23 5.50 3.26	.24 .03			.14	1.49							• 65	.40	•02		.25	.20	1.14	T 1.90	.75	.12			Т						
EN FOREST EN MOUNTAIN ENBRIER		•12		1		,							T	2.5		.05		1.10	.12 .12	.10	1.70	Т									
ENWICH ENWOOD OON PTON	6.05 6.35 5.15 4.77	.23				1.35 .25 .24	T •19			т			.40 .15 T	.75 .35	Т	T	2.10	.28	1.11	2.81	.08 3.14 3.30	•52									
RISON ER SPRINGS 3 NE		.15				.85							.08	. 75	.45		.97	1.33	-10	2.15	1.50	.08									
FOR INA DERSON 2 W	6.53 8.26 3.44	.20	т	Т	т	. 85 . 29 . 82				Т			.08 .31	• 75	.13			2.18	.42 .60	T	3.10	1.14									
E 3 NE	5.03	.03			T	.11				Т			.31	.05	Т .	T .65	.05	T . 44	1.65	.01	3.72	.62									
SPRINGS	6.43 6.29 7.19	,,			Т	.49				.04			.25	.34		1.45	.02	.03 .30 .27	.43 .89 1.45	.05 1.35 .77	2.90 1.77 3.43	+47 T 1-23									
EX PER	3.75	.15			.01	. 20 T				.,,			.25	.02	.07		•30	1.42	.45	.05	2.00	.50									
SEVILLE SBORO	6.18 6.96 7.61	.02			.19	.32							.32	.67 .32 1.07	.05	.03 .19 1.75	.05	.36 1.85 .31	1.03 .55 .54	.06	2.56 1.74 1.52	.82				Т					
CITY GLEY	7.22	•51			т	.89							T .25	.22	•14	.25	.05		1.70	т	4.01										
CREEK	3 · 15 3 · 86 5 · 67	.25				.2						.14	T	.50	ļ	.03	Т	1.90	.13	2.02 1.56	.18	.05									
TLE ROCK WB AP R//	4.75				•03 T	.43						.14 T	.12	.25	T	.70	T .05	• 72	.02	1.80	.54	T									
T CORNER ANN 2 SE TON	6.59	.28				.53							.48 1.41 .10	.42				2.00	1.57	-16	2.26										
ISON NOLIA 3 N	6.02	.08				1.31							- 10	.23	.53	.48	.03	.02	1.25	.05	1.65	.75			.01	.05					
VERN MOTH SPRING TANNA	7.51 3.84 7.22		т		T T	.59 T			,				.39 T	• 31		1.49 T	.05	1.40	.63	1.83	1.85	.02				T T					
KEO TREE	7.56	.14				1.38							T	.14	.21	. 84	.16	1.79	1.03	.02	1.08	.69			.08	Т					

Table 3-Continued

Table 3-Continued	75															Day	of m	onth																
Station	Total	1	T	2	3	4	5		6	7	8.	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARSHALL MARVELL MELBOURNE MENA MONTICELLO	4.84 8.63 - 4.51 4.65	0		-	24	-	_ T	-	69	-	-	-	-	-	-	1.00 -40	• 18 • 6 3 - • 32	-	1.92 T	-	1.72 .08 -	.15 .56 - 1.01 1.34	T - T •21	2.14 3.00 - 1.55 3.10	.17 .75 -	-	-	-	-	-	-	-	-	-
MOROBAY L ANO 0 NO 8 MORRILTON MOUNT 10A MOUNT MAGAZINE MOUNTAIN HOME.	5.53 7.03 4.83 6.77 3.93	. 1	. 5			Т		1.	02 86 21 78								.25 .53 .32 .91	. 69	.08 T .02	.25 1.23	.65	.83 1.11 1.17 .30 .05	T .02 1.96 2.31	.18	1.20 .46 .15									
MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY NARROWS OAM NASHVILLE PEACH SUBSTA	4.20 5.55 4.61 7.23 5.40	T T	. 4				1.	05	03				.01			T • 04 • 24 • 44 • 20	T •20 •09 •05 •38	T •14	.01 .77	Т	1.80 1.59 .17	.20 .16 1.13	.09 T	2.29 1.60 2.33 3.60 3.03	•25 •20 •74									
NATHAN NEWHOPE NEWPORT NIMROO OAM OOELL	6.73 7.25 7.51 5.77 4.22	+1	5					1.	70 45 25 80	т		T	т			.32 .50 T	•35 •38 •52	.80 .54 .03	.50 .08	•13 •60 T	1.97 .70 1.72	.75 .75 .92 1.35	.65 .05	2.95 2.00 1.38 1.75 1.88	.73 1.80 .52									
OOEN OKAY OSCEOLA OWENSVILLE OZARK	5.03 4.35 6.78 5.66 6.07	* Z					T	1	38 38 26 40	Т			Т			.55 .20 .05 .20	.37 .03 .08 .25 1.05	.01 .20 .24	.05 .55 .30	.18	1.28	.65 .83	.60	1.86 2.22 1.05 1.70 2.02	1.20			-10	т					
PARAGOULD PARIS PARKIN PERRYVILLE PINE BLUFF	5.41 6.53 5.71 7.56 5.91	. 2	6				٠		17 28 55 80 66	.13					т	.34 .16	.16 .90 .23 .53	.01 .41	. 63 . 35 . 44	1.54 .26 T	1.83	.70 .46	.08	.75 .16 1.35 2.24 2.36	.95			.08						
PINE BLUFF CAA AP PINE RIDGE POCAHONTAS 1 PORTLANO PRESCOTT	6.24 5.19 4.53 6.11 5.90	. 6					T T	02	82 45 05 25	.05			т		Т	.50 .58	T •43 •14	.01 T	.40		.48 1.78 .15	1.13	.05	1.37 1.83 1.56 2.00 4.05	2.00	Т		Т						
RATCLIFF RISON ROGERS RUSSELLVILLE SAINT CHARLES	6.50 6.84 3.36 7.18 6.21		1	Т				06	22 80 91	.03					.05	.38	1.43	т	.36 .03		.07	*92 T	2.42 1.82	.31 3.38 .25 .27 2.97	.88 T			Т						
SAINT FRANCIS SEARCY SHERIOAN TOWER SHIRLEY SILOAM SPRINGS	5.36 8.02 6.70 6.54 3.29	. 2	1			.5]	ı		.08						. 75 T	•10 •25 •02	.04 .19 .86	1.08	.10 .54 2.00	.17	1.55 .78 .23 1.78	1.25	.25 .85	1.75 1.87 .75 1.68 1.77	.50									
SPARKMAN STAMPS STAR CITY 2 S STEVE STUTTGART	4.94 4.60 6.54 6.32 7.29	T .5	6						20 39 72 71	T .05						T .90	•12 •38	•23	.10 .18		T * 1.35	1.00 .83 .67 1.20 .75	.04 .72	3.24 2.43 2.72 1.60 1.80	1.10 T									
STUTTGART 9 ESE SUBIACO SUGAR GROVE TAYLOR TEXARKANA WB AP .R//	7.47 6.98 6.08 3.29 6.03							1	80 38 12 05			Т				.20	1.01 1.28 .43 .26		1.67 T		1.27	.07 .56	.06	2.09 .06 1.62 1.08 1.16										1.22
TURNPIKE VIOLA WALORON WALNUT GROVE WALNUT RIOGE CAA AP	5.16 4.90 6.62 4.44	T .3	32	-	- T •02	-		25	.05 .40 .62	-	-	-	-	-	-	.27 - .30 .46	.50 .45	•03	.02	1.64 - .45 1.21 1.28	- •25 •99	.60 .32	1.30 1.25 1.84	-10 -75	.03 -	-	-	т	-	-	-	-	-	-
WARREN WASHITA WHITE ROCK WHITECLIFFS WILSON	5.25 4.20 5.83 3.01 7.64	+ 3	13				Т		05 60 03 48	Т		Т				.57 .45 .23 .55	.27 .30	•20	•19 •15 •58	•20 T	.08 .45 1.78 .10	.58	.05	2.95 2.00 3.05 1.05 1.50	•20 •18									
WYNNE YELLVILLE	6.19								82							.19	+41		•29	.38	.92 1.13	.52		1.90	1.38									

Table 5											_	-	-			Day	01	V	L				-	-				-	-		MA	RCH	1955
Station	-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALUM FORK	IAX IIN	74	77	75 5 9	78 62		57	56 27	65	65	83	83	83	66	65	75 59	72	58	48	53	69	69	51	66	65	57	35	47	55	63	63	72	65.3
ARKAOELPH1A M	AX IIN	,,,			02	~,		_ ′	2.0		00	04		40	40	,,,	40 40	41	42	40 U	49	40 40	23	31	41	25	15	20	27	25	33	38	40.9
ASHOOWN	1A X	76 56	80	80	84		70	58 28	67 29	71	87 62	89	87	89 52	80 51	79	75 50	. 7	55	58	73	62	52	69	71	70	42	46	55	64	67	74	70.3
	AAX AIN	73	73	75 57	78 62	76	53	52	65	64	81	82	80	66	70	76 59	76 45	47 54 39	51	45 51 41	73 50	63	26 54 27	31 65 35	64	37 53 35	21 35 16	18	26 54 28	27 60 26	34 63 32	70	43.8 64.4 41.9
BATESVILLE LIVESTOCK M	IAX IIN	74 47	75 34	72	73 61	78 52	60	50	54	68	74	81	80	77	61	70	81	59	41	52	51	59	60	50	67	53	48	32	46	55	61	65	62.2
BATESVILLE L AND 0 NO 1 M	IAX IIN	73	73	74	78	77	49	54	67	69	82	83	80	69	70	79	75	55	51	51	58	62	46	66	65	49	33	46	54	61	65	71	64.0
BENTON	AX IN	75 56	79	77	80		56	54	65	67	83 63	82	81	70	72 50	78 62	73	55	51	55	74 51	61	51 25	68	60	53	35	47	53	64	66	72	65.5
8ENTONVILLE M	AX AIN	70	73	77 5.8	77	51	45	53	67	72	83	80	66	73	76 50	66	50	45	47	62	62	52	46	65	67	45	27	43	51	63	66	73	61.1
8LYTHEVILLE M	AAX	70 51	70	73	75 63	75 55	63	49	50	65	75 50	78 65	79	73	55	69	74 45	59	43	50	55	72	60	48	63	63	53	33	46 26	51	60	66	61.8
800NEVILLE M	MAX MIN	76 51	78	78 54	84	69 48	50 37	57	69	72 35	85 55	87	81	81	74 52	77	59	54	54	55	66	59	53	70 35	61	52	34	46	54	66	70 38	73	65.9
	AAX	73 57	72 45	76 52	75 65	76 65	72	48	53	65	67	80	82	81	62	69	80	57	50	50	67	76 57	62	51 33	65	54	50 18	38	45	52	61 36	65	63.7
	XAN	78 60	77	83 52	80	84	76	60	58	70 35	70	85 65	90	85 50	70 50	82	84	63	67	52	70	79	59	55	71	74	70	57	47	55	66	71	70.6
CAMP CHAFFEE	AAX	76 50	78	79 56	81	72	50	56 23	68	73	86	86	85	71	74 51	74 59	59	55	51	47 42	57	55	50	70	69	59	34	45	53	65	68	72	65.1
	XAN	77 53	73	77 57	83	81 48	51	53 25	68 27	73	86	82 63	78	7 2 4 6	70	75 57	68	54	53	54	60	55	48	71 29	67	53	33	43	53	62	66	73	64.9
	MAX MIN	75 56	76 42	77 60	80 61	79 53	53	55 28	69	66	85 63	85 65	81 67	69	70 48	78 60	74	57	55	55	71	61	50	71 33	67	54	37	46	56	64	66	75	66.4
CORNING	XAX	73 52	72 38	69	73 60	7 7 5 3	63	52 27	54	66	70 52	79 66	79 58	70 59	59 41	68	76 43	58	42	51	52	70	60	48 27	62	49	50	35	46	51	60	65	61.3
CROSSETT 7 S	XAN	80	81	79 63	84	83	82	59 27	69	70 35	83	90	88	86	83	84	83	75 48	75	55	82 52	82 56	63	69	77	82	76 23	44	55	64	69	74	75 • 0 45 • 2
CUMMINS FARM	XAN																																
DARDANELLE	X A N	77 55	77 41	78 57	83 52	76 51	52	55 28	71 30	72 37	86 63	86 67	79 65	68	71 59	7 1 5 0	72	56 40	54	55 41	64 51	57	5 1 23	71 35	65	54 31	35 15	49	55 27	63	66 37	78 37	66.0 41.8
	MAX MIN	82 55	81	78	85 61	79 55	61	60 28	69 28	72	8 8 5 9	89	88	74 52	75 55	78 60	78	57 48	54	59	70 55	64	58	71	71	65	42	50	58	66	69	75 45	69.9
	XAN	7 2 5 6	74 42	77 45	76 64	78 64	74	48	53	66	67	81	83	80	64	69	80	57 42	48	50	57	75 56	62	48	67	52	60 18	34	45 25	53	61	64	63.7
OEVILS KNOB	MAX MIN	70	67	71 58	76 58	72 38	45	51	62	64	79 50	77	78 62	62	61	65	65	45	46	47	54	53	40	53 32	59	51 19	27	43	49	57	59	65	58.8 37.2
	MAX MIN	79 63	80 50	7 8 6 3	82 63	76 64	68	53	54 35	72 41	78 55	80 63	90 63	72 53	76 54	84 62	76 48	61	58	57 45	80 54	75 55	60 29	68 33	72 43	73 41	42 21	42	52 33	61	65 38	72	68.9
EL OORAOO CAA AP	MAX MIN	75 54	82 53	78 64	82 64	79 58	58	59 28	68 25	69	85 66	89 65	89 64	73 51	80 54	83 66	72	72 50	57 47	59 46	82 55	62	51 26	68 32	76 52	77 33	39 22	44	55 29	65 26	7 0 3 6	74 41	70.1
	MAX MIN	7 2 4 0	73 44	75 61	79 63	66 39	46	52	67 39	73	82 59	81 54	76 58	65 49	77 49	68	5 0 3 6	45	46 38	65	62	53	46 14	65 36	62	5 9 2 0	27	44	5 1 25	63	64	72 45	62.1
	MAX MIN	70 42	73 41	75 61	78 55	56 38	45	54 26	66 38	72 48	83 60	81 54	73 57	73 48	7 4 5 1	67	51	46	49	61	57 47	56 20	46 13	64 36	68	53 17	28	43	51 28	63 25	66 38	72 48	61.7
	MAX M1N	69 39	70 34	74 61		5 7 3 5	44	52 21	65 38	70	83 59	81 53	71 53	71 49	73 50	68	50 37	45 41	47 40		58 48	56 19	45 12	63 37	64	44	26	41 15	50	60 23	64 32	70 46	60.2
	MAX MIN	70 41	70 37	75 61	75	62	44	51 24	63	71 49	81 59	80 53	73 57	70 47	74 47	68	50 35	48	48	50 38	56 47	5 4 2 4	45 12	63 37	65 33	5 9 2 1	27	42 15	5 0 2 7	6 0 2 5	63 36	70 46	60.5 37.8
	MAX	68	73 31	78 51			48	53 23	70 36	73 40	84 58	80 57	74 51	64	74 46	77	54 39		49 39	53 39	53 48	55	50 20	69 30	57 33	45	28	45	51 25	62 22	67 32	73 33	61.4 35.7
	MAX	77 62	82 50	78 63		76 65	72 40	57 29		67	82 64	87 63		82 49	7 7 5 1		79 48		60 45	5 0 4 3	76 54	75 54	54 27	70 35	68 45	69 41			55 31			74 45	70 • 1 46 • 2
	XAM NIM	75 48	79 45	79 59		58	50 36	55 27	68 31	72 38	85 55	86 63	77 60	67 51	74 52		55	50 41	50 44	56 43	56 52	55 25	50 22	69 34	62		33 15	44 21	52 31	65 28	70 41		63.6
	MAX	73 48	72 36	76 50			48	54 20	66 26	71 30	85 57	85 60	79 53		6.8 5.2	7 4 5 9	67		50 42	54 41	58 50		46 17	67 26	68 39	6 0 2 6	31 11	46 12	52 26	61 22			64.1 37.8
	MAX MIN	73 45	74 28	77 51		77 45	50 35			72 49		83 52	79 50	66	71 40	80	70 40	50 38	50 38	54 40		56 37		69 30	65 29	53 26	31 11	47 10		64 18	66 26	72 29	64.5 36.5
	MAX	7 7 5 7	77 50	76 60			53 36			70 38		87	84 61	79 52	7 9 5 2	77	70 45		52 42	56 42	66 50			67 28	64		33 15	47 13	5 7 2 8	62 27	66 36		66.5
	MAX MIN	71 38	74 41	77 59			45 27	53 21					71 54		7 4 4 8		51 34	45 38	47 37					63 35	66 32		28 8	41			66 37		60.7
	MAX	72 48	70	7 2 5 0			58 30	54 26	52 26	70 32	68	70	72 48		70 40	68	72 36		4.8 3.2	50 38		58 38		46	64 32	54 30	40	26 8		56 32			59.1 33.6
	MAX MIN	70 45					48 29	54 22	70 36		85	80 55	76 57	62 45	73 45	74 55	5 5 3 7			56 38		5 7 3 0	50 17	68 29	64 33	5 4 2 1	29	44 17	52 23	61 22	65 32	71 36	
	MAX	77 63					69 38	52 33	65 37	66	77 61	84 62	82		70 47	8 0 6 2	79	55 45		5.8 4.4		74 56	64 29	64 36	64 42	64	50 19	44 21		60 33		70 39	67.9 45.5
	MAX MIN		76 50				79 43	49 29		67 36			87 60		88 51	7 9 5 5		5 5 4 5			60 44		65 25	51 26	69 37		66 20	36 19					67.6 42.7
																	1																

DAILY TEMPERATURES

Table 5-Continued

Table 5 Continued

DAILY TEMPERATURES

ARKANSA:

Table 5 Continued																	OI														M	ARCH	1955
Station																Day	Of	Mon	ith														0 0
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
	MAX	73 57	75 49	78 51	75 62	7 8 62	71 39	47 32	53 33	64	67 46	79 64	83 65	83 51	63	70 48	80	56 43	54	51 43	68	71 58	62 29	48	60 39	61	55 20	34 20	44 26	51	60	64	63.8
	MAX	56		5 7	62		36	28	33	40	57	81 65	64	47	49	2/	45	39	43	42	50	30	22	70 26	64	53 29	35 9	45	54 28	63 28	69	73 44	64.7
	MAX	75 59	80 51	80 63	82	76 57	57 40	57 32	67 36	71 46	86 64	87 64	89 64	73	80	80	72	59	54	58	75	66	52	69	72	6.5	36	44	5.6	62	68 43	72	69.4
	MAX				70 59				61 38	62	77 52	78 60	71 62	64 40	60 41	.70 57			45 36		58 45	54 35	39 14	62 32	58 33	48	24 5	43	48 29				58.0 38.3
	MAX				84 64				68 25			87 61	80 59	73 47	73 46	76 61	71 43	53 42	54 43	63 41	67 51	58 33	53 20	70 31	69	58 28	32 13	44	53 24				66.7
	MAX				77 62				66 34	68 44	79 62	77 62	74 55	57 45	67 41	77 52	57 43	43 38	49 39	51 41	59 50	60 29	48 26	63 35	49 38	49 19	31 12	18	51 27	58 28	64 32	71 34	60.2
	MAX MIN		82 50			84 65	71 42	55	67 31	67	84 53	88 63	89 63	73 50	79 50	84 63		64 49	57 46	57 44	79 53	69	52 27	73 31	77 44	77	51 22	45	55 30	65 28	74 41		71.1 46.2
	MAX				74 58		42 20		61 35	65 45	78 55	78 58	73 60	63 40	63 47	66 58	63 34	54 38	56 38	53 36	55 42	54 21	39 11	60 32	60 33	50 17	41	42 9	48 27				59.6 37.1
	MAX MIN				75 63				64 35	69	78 60	8 0 64	77 64	70 48	66 42	79 60	73 43	53 38	54 41	53 39	75 51	64 56	65 28	63 36	63	53 38	38 14	41	50 28	58 31	63 35	73	64.1
	XAM NIM	70 58	74	73 62	76 64	71 52	52 31	49 29	63 35	65 45	77 62	80 65	74 66	66 48	6.8 4.5	77 62	74 46	52 39	50 41	53 41	75 40	62 55	59 27	63 33	57 39	50 34	35 16	41	51 29	60 25	62 39	70 38	62.9

Table 6

EVAPORATION AND WIND

Table 6		,																															
																	Day (of mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLAKELY MOUNTAIN DAM	EVAP											.24							.03		- *	286	- 48	- 59		.10						.18	3.528 2493
HOPE 3 NE	EVAP																										64						3.808
NARROWS DAM	EVAP																											75	28	27	31		1492
NIMROD DAM	EVAP					.17																30					86		35				3.898 1649
RUSSELLVILLE	EVAP																															.16	3.168 697
STUTTGART 9 ESE	EVAP	.04	.06	.17	.11	.07	. 26	19	.15	.11	.06	17	.13	.20	33	-12	83	.19	.00	.03	.15	74	184	61	. 55	.12	* 36	* 115	* 14	* 16	.39	.04	3.348

SNOWFALL AND SNOW ON GROUND

ARKANSAS MARCH 1955

																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CALICO ROCK	SNOWFALL SN ON GNO																										Т					
EUREKA SPRINGS	SNOWFALL SN ON GNOW	,																Т				Т	2.0			Т						
FAYETTEVILLE EXP STA	SNOWFALL SN ON GNO	Т					Т									Т						T	0.7 T			T	Т	T				
FORT SMITH WB AP	SNOWFALL SN ON GND																					T	T									
GILBERT	SNOWFALL SN ON GNO																						Т				T					
GRAVETTE	SNOWFALL SN ON GND																				-	-				Т						
JONESBORO	SNOWFALL SN ON GNO																										T					
LITTLE ROCK WB AP	SNOWFALL SN ON GND																					Т	Т									
MAMMOTH SPRING	SNOWFALL SN ON GND																						T				T					
MARIANNA	SNOWFALL SN ON GND																										Т					
MARKEO TREE	SNOWFALL SN ON GNO						Т																									
MENA	SNOWFALL SN ON GND																						Т									
OZARK	SNOWFALL SN ON GNO																										Т					
POCAHONTAS 1	SNOWFALL SN ON GNO																							T		T						
ROGERS	SNOWFALL SN ON GNO																					1.2	Т			Т						
SEARCY	SNOWFALL SN ON GNO						Т																									
TEXARKANA WB AP	SNOWFALL SN ON GND																					T										

	3			Obser-						Т				Obs		
ON County	Dramage : Latitude	Longitude	Elevation	time	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	thm du		Refer to tables
0064 Lagrence 0130 Saline 0136 Yell	7 35 54 1 34 48 3 34 47	91 05 92 52 93 29	624 256 755	7A 7A 5P 5P 7A	Ruby B. Owens L. R. &atsr &orka Guro B. Smain	3 3 C 2 3 5 C	Lurton Madiaon Magnolia 3 N Magnolia 5 N	4528 4548	St. Francis Columbia	4	33 19	93 05 90 43 93 14 93 13	2007 215 315 360	6P	BA Lola I. Dollar 7A Dawen E Ghent 7A Earl E. Graham MID Ark Per & Lot Co.	3 3 2 3 5 7
0178 Pike 0188 Perry 0196 Pope	3 34 02 1 34 58 1 35 25	93 25 93 00 92 53	285 400 522 200	7 A	Mrs. Alta F. Garner	3 C 3 C 2 3 5 C	Malvern Maamoth Spring Mariaona Marked Tree Marshall	4562 4572 4638 4654	Hot Spring Fulton Lss Poincett	7 5	36 29 34 44	91 32 90 49 90 35	690 234 229	55	7A John H. McKee	2 3 5 2 3 5 7 2 3 5 7 2 3 5 7 2 3 5
0234 Desha 0286 Little Rive 0300 Howard 0326 Roodruff	4 33 40 4 34 19	94 08	329 960 218	7P 7P 7A 7A 6P 6P 6P	Southwestern G & E Arra D. Parker David G. Griffiths Univ. of Arkansas	3 2 3 5 3 3 C	Marvell Maumee Melbourne Nona Monitcello	4678 4696 4746 4756	Phillips Searcy Izard Polk	7 7 7 3	34 33 36 03 36 04 34 35	90 55 92 39 91 54 94 15	749 610 1207	. 6P	BA J. D. Lowrie BID Verne N. Davenpori 7A Ivan L. Shrader 7A E. W. 5t. John	3 2 3 5 7 2 3 5 7
0458 Independenc 0460 Independenc 0496 Lee 0512 St. Francin	7 35 49 7 35 45 7 34 43	91 47 91 38 90 42	571 277 220	9A 9A 5P 7A	Univ. of Arkansas	235 0	Montrose Morohay Lock & Dam Morrilton Mount Ida	4906 4934 4938 4988	Ashley Calhoun Coneay Wontgomery	3 1 3	33 19 33 19 35 07 34 33	91 29 92 27 92 45 93 38	125 85 280 663	5P 7A	WID Ark Fer & Lgt Co. 7A Corps of En-incore 7A Emma S Leavell 7A William E, Diack	3 2 3 5 2 3 5
0530 White 0534 Greene 0536 Jackson 0582 Saline	7 35 04 7 36 09 7 35 26 6 34 33	91 53 90 38 91 06 92 37	250 298 221 285	M10 8A 6P 8A	D Loeell E. Perkins A. B. B. Haamoed A. P. M. Breckinridge A. Mre. Etta C. Burks	3 3 2 3 5	Mountain Home Mountain Home C. of E Mountain View 1 W Mountainhurg 3 SS#	5036 5038 5046	Baxter Baxter Stone	7	36 20	92 23	800 800 768	7P 8A	7P H. H. Halbert 8A Corps of Engineers 7A Mildred E. Mard 3P CLOSED	2 3 5 7 2 3 5 6 3 11 10 54
0616 Carroll 0662 Baxter 0664 Polk 0676 Mississippi	7 36 00 3 34 25 5 35 51	93 34 92 24 93 58 90 08	1255 1250 1100 238	7/ 7/ 7/	CLOSED - Anna M. Liles N. A. Douglas	2 3 5 1/1/55 3	Narrowa Dam Nashville Peach Substa. Nashville SCS Nathan	5110 5112 5114 5158	Noward Howard Howard	4 4 3	34 10 34 00 33 57 34 07	93 43 93 56 93 51 93 52	550 373 550	8 A 7 A	7A Hanry G. Arvin 8A Corps of Engineers 7A Univ. of Arkansas MID Soil Cons. Service	3 2 3 5 6 2 3
0764 Garland 0798 Yell 0600 Novada	7 36 07 3 34 36 1 35 06 3 33 41	91 06 93 11 93 39	426 455 360	7/ 8/ WII 7/	Lee A. McKenney Corps of Engineers Corps of Engineers A Paul W. Adams	3 6 (Newport Nimrod Dam Norfork Dam	5186 5200 5228	Jackson Perry Baxter	3 7	34 14 35 36 34 57 36 15	93 50 91 17 93 10 92 15	850 225 470 425	hA	7A Euther D. Suamers J: 8A Corps of Engineers MID Corps of Engineers	235 7
0842 Van Buren 0842 Van Buren 0848 Nevada 0872 White	1 35 05 7 35 39 3 33 52 7 35 25	92 30 2 93 19 5 91 26	235 240	7P 7/ W11	A Cleo E. Yandell D Thomas M. Pearson A Mrs. Larue Eelley A Marshall Hickmon	2 3 5 C C	Oden Okay Omceola Owensville	5358 5376 5480 5498	Montgomery Howard Mississippi Saline	3 4	34 38 33 46 35 43 34 37	93 48 93 53 89 58 92 49	300 300 250 500		7A Vera J. Gann 5P J. T. Hargia BA Alwyn A Cowan 8A Guy Cook	3 2 3 5 3 3 2 3 5 7
1010 Neeton 1020 Baxter 1052 Misaissippi 1102 Locoke	7 36 27	92 34	460 240 289	77 MII 61 51	A Beulah F, Fowler D Corpa of Engineers P G, A. Hale P D, M. Walther	3 C	Paragould Paris Parkin Parthenon	5562 5576 5586 5602	Cross Newton	1	35 18	90 29 93 45 90 35 93 15	275 - 222 925	33	7A Corine D Gardner	2 3 5 2 3 5 3
1152 Ouachita 1154 Ouachita 1172 Schastian 1168 Searcy	3 33 30	5 92 49 5 92 51 6 94 18	116 155	7A 77 WII SP 87	A John a. Knight D Edith Z. Lehman A U. S. Army D Froney Dell Horton	2 3 5 C	Pine Bluff CAA AP Pine Ridge Pocabontas 1	5760 5820	Jefferson Montgomery Randolph	1	34 12 34 10	92 00 91 56 93 54	205 840 330	ID	WID U.S. Civil Aero Adm	2 3 5 2 3 5 7
1238 Garland 1442 Wonroe 1455 Johnson	3 34 21 7 34 41	93 01 1 91 18 8 93 28	172 436 510	MII 7	A John L. Tait D Ark. Per & Sgt Co. A B. F. Northern	3 3 2 3 5 3	Prescott Prescott SCS	5908 5910 5970 6008	Nevada Nevada Warion Logan	1	33 48 33 48 36 16 35 16	93 23 93 23 92 51 93 53	800 463		MID Ona V. McLean 7A Lulu M. Aceks	2 3 5 7 2 3 5 7
1520 Scott 1574 Madison 1582 Neeton	7 35 4	8 93 48 6 93 18	1250 1400 2166	7. MI MI:	A Margaret Zornes D Maude C. Brashears D William L. Bieam P G. Y. Short	3 C C	Ravana Remmel Dam Rinon	6016 6102 6174	Hot Spring Cleveland	4	33 04 34 26 33 57	94 02 92 54 92 11	250 231 1387	SS	MID Bonny L. Allen WID Ark. Per & Lgt Co 8A J. H. Yansy 85 Howard Foeler	3 2 3 5 7
1640 Baxter 1666 Polk 1730 Ashley 1750 Pulaski	3 33 0	94 25 2 91 56 2 92 26	175	5P 5	A Robert T. Fielding A Joe C. Allee P U.S. Forest Service A Virda Byrd	3 3 2 3 5	Saint Charles Saint Francis Searcy Sheridan Toger	6376 6380 6506	Arkansas Clay Shite		35 15	91 44	300 245 290	8A 5P 6P	7A Ailliam S. Duckley 7A Adam C. Melton 6P Ark Forestry Comm.	2 3 5 6 2 3 5 7 2 3 5 7
1768 Lincoln 1814 Pike 1829 Faulkner 1834 Yell	3 34 1 1 35 2 1 35 0	4 93 45 2 92 25 3 93 24	629 705 370	7	A J. A. Moudy	3 7	Shirley Siloam Springs Smithville Sparkman	676	B Lawrence B Dallas		7 35 38 36 11 7 36 05 3 33 55	92 48	600 1150 450 260	7A	7A Maud H. Bradford 7A John Broen Univ. MID Nora F Rudy 7A Mre Rachel Butler 7A Hubert Baker	3 5 3
1948 Sevier 1956 Boone 1960 Chicot 1968 Prairie	4 34 0 7 36 2 2 33 3 7 34 5	2 94 21 3 93 18 1 91 26 8 91 30	420 3 1028 5 140 204	5P 7 MI 8 7A 7	A O. Tucker Vasser DiClarence E. Collins A L. W. Wiisoe A C. J. Rister	2 3 5	Star City 2 S Steve Stuttgart Stuttgart 9 ESE	682 685 691 692	O Lincoln S Yell B Arkansas O Arkansas		3 33 54 1 34 53 1 34 29 7 34 28	91 51 93 19 91 32 91 25	392 682 214 196	6P 7A	7A Ark. Forestry Coam 7A T. P Sims 7A George L. Clark 7A Univ of Arksonss	3 3 2 3 5 2 3 5 6 2 3 5
1982 Johnson 2148 Desha 2150 Desha 2176 Washington 2204 Scott	2 33 5 2 33 5 7 35 5	3 91 30 3 91 30 7 93 59	162 165 1243	7P 7	P Ben Johnson D Ark. Pwr & Lgt Co.	2 3 5 7 C	Subiaco Sugar Grove Sugar Loaf Mountain Taylor Texarkana aB Airport	694 694 703 704	O Logan 4 Clehurne 8 Columbia 8 Willer		1 35 04 7 35 29 4 33 06 4 33 27	93 48 91 58 93 27 94 00	300 247 361	MID	9A O. R. Fsnneil 7A CLOSED 7A Idelia O. Norwood WID U.S. Seather Bursau	3 5 25/54 3 2 3 5 7
2300 Unioe 2356 Carroll 2366 Sharp 2442 Washington 2443 Washington	7 36 2 7 36 0 1 36 0	4 93 44 5 91 31 5 94 10	1 1465 7 490 0 1370	6P 6	P Mahel P. Spray A Opha Wolfe P Charles F Ford	2 3 5	Turnpike Viola Maldron Walnut Grove Malnut Ridge CAA AP	745 748 752	O Fulton 8 Scott 4 Independent		7 36 24 1 34 54 7 35 51	91 59 94 06 91 21	673	2 5 5P	7A CLOSED	3/16 50 2 3 5 7 3 2 3 5
2444 Mashington 2528 Marlon 2540 Dallas 2544 Little Riv 2556 Scott	7 36 1 3 33 4 5r 4 33 4	8 92 30 9 92 31 3 94 2	700 280 4 400	MID WI 5P 5	D U.S. Civil Aero Adm P John Yeager D Leslie P. Callens	2 3 5 7 2 3 5 2 3 5 3 5	aarren Aashita West Fork Abseling White Rock	759 769 774	2 Montgomery 4 Mashington 4 Fulton		3 34 38 7 35 55 7 36 19	93 32 94 11 91 52	134 68		7A Nora Les Wayherry WID Mrs. N C Threlkel	3
2574 Sebastian 2578 Craeford 2598 Aabley	1 35 2 1 35 3 3 33 2	94 2 9 94 0 1 91 5	2 458 9 793 0 175	MID MI	D U.S. Weather Bureau 7A R. J. Schoeppe 3P Jethro R. Denson	2 3 5 7 C 2 3 5 3 3	Whitecliffs Bilson Binfrey Bing Aynne	791 793 795	2 Miesissipp 8 Craeford 0 Yell		2 35 34 1 35 44 1 34 57	90 02 94 06 93 28	115	7 5P 2 0	WID Milsa B. Turner	2 3 5 2 3 5
2760 White 2794 Searcy 2842 Pike 2908 Polk	7 35 6 7 35 3 3 34 3 4 34 3	91 2 99 92 4 20 93 3 4 94 2	6 200 3 595 3 547 0 920	88 7	7A Dainy G. Vaught 7A:W. E. McVay	3 2 3 5 7 C 3 2 3 5 3	Yellville	808	4 Warion		descri			0	7A Madge V. Doabier	3
2930 Benton 2946 Cerroll 2952 Stone 2962 Faulkner	1 36 2 7 36 2 7 36 0 1 35 1	24 94 2 20 93 2 02 92 1 14 92 2	8 1250 6 1350 2 1100 3 360	SS S	35 Elson B. Schmidt 7A Obed B. *ilnon 7A U.S. Forest Service 8A Thoman E. Cantrell	2 3 5 7 3 2 3 5 3	† Heber Springe 3 NE Danville SCS Salem	1 3	5 Yell		1 35 04	93 24	370		7A Leaier 8. Logan MiD Soil Concervation 3 7A Jan 8 aldaell	3 ler 3
3074 Clark 3098 Calhoun 3132 Sharp 3164 Boone	3 33 3 3 33 3 7 36	54 93 0 32 92 2 19 91 2	9 210 8 202 9 362	M	7A Roy S. Robbn BA Soil Cone. Service ID Thereea Donaldson 6P R. C. Deene	3 3 0 2 3 5										
3235 Pope 3242 Phillipn 3258 Saxter 3428 Hempetead	1 35 2 34 7 38 4 33	28 92 5 32 90 3 22 92 1 43 93 3	8 555 5 200 6 580 3 375	6P	7A Dorothy B.Spilehur 7A Charley W Friddel 7P Emil W. Bentzien 7A Cecil W. Bittle	3 2 3 5 2 3 5 6										
3442 Sevier 3466 Garland 3540 Wadinon 3556 Union	4 33 3 34 7 36 3 33	56 94 2 31 93 0 05 93 4 02 92 0	2 337 3 630 4 1453 5 60	5P	6A Elizabeth W. Frida fp Natl Park Service ID May Pearl Markley	3 2 3 5 7 C 3 C C										
3600 Newton 3704 Garland 3734 Craighead 3862 Lonoke	7 36 3 34 7 35	01 93 1 42 93 0 50 90 6	11 857 04 730 12 345	6P	7A Lottie D. Davie 7A Mrc. Velma M. Ounn 7A Benedictine Sieter 7P R. A. Waller	3 3 3 6 2 3 5 7 2 3 5										
4060 Pike 4106 Boone	5 35 1 35 3 34 7 36	49, 90 26 93 19 93 24 92	26 230 25 550 51 796 54 650	0 1 6 7P	7A Treeaa St. Cleir MID Peach Exp. Station 7A Mabel F. Forrester 7P F. W. gellogg	2 3 5										
4116 Crawford 4134 Grent 4248 Pulaske 4250 Pulanke	1 35 3 34 1 34	42 94 10 92 44 92	19 1000 35 26	0 I 7 M1D 1	7A J. R. Rhodee MID U.S. Weather Bures MID L. R. Mater Worke 7A Catherine Ruesell	3			f Sugar Loaf			1				
The state of the s	100 100	1000 Sentt 1 1 1 1 1 1 1 1 1	1000 Scott	1	County C	Occupy County C	2	County C	County	County	County 1	County Part Part	County 1	Part	Column	County

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, S, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for seccessive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of Arkansas may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas.

- Data in the column formerly beaded "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954. No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and S is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Gage is equipped with a windshield.

 Data based on observational day ending before noon.

 Adjusted to a full month.

 Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 One or more days of record missing; see Table S for detailed daily record. Degree Day data, if carried for this station, have been add to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

 Trace, an amount too small to measure.

 Includes total for previous montb.

 This entry in time of observation column in Station Index means observation made near sunset.

- SS

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NWRC, ASHEVILLE, N. C. -- 5-18-55 -- 1005

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

APRIL 1955 Volume LX No. 4



ARKANSAS - APRIL 1955

WEATHER SUMMARY

A very warm April with temperatures averaging 3.9° above normal provided excellent recovery of agriculture from the adverse conditions of the previous month. Although precipitation averaged only slightly below normal for the entire State, amounts were much below normal in the southwest, west-central, and northern areas. Total damage from severe storms totaled nearly three-quarters of a million dollars.

With an average temperature of 65.5° this was the fourth warmest April of record and was 3.9° above normal. Brief cooling periods were the 1st, 6th-10th, and the 13th. The remainder of the month was normal or above with temperatures 8° to 12° above during most of the last 15 days. Highest temperatures were in the lower 90's over most of the State near the end of the month. The highest temperature was 94° recorded on the 22nd at four stations along the northern border and at Camden in the south on the 30th. Lowest temperature was 27° recorded on the 8th at Lead Hill. The highest mean temperature was 68.6° at Hot Springs and the lowest was 61.0° at Mount Magazine.

Considering the total area this would be considered a very dry month since only about one-third of the State had normal or above-normal rainfall. Stations in the drier areas received from one to four inches less than they could normally expect. Driest spot was Fort Smith with a total for the month of only 0.90 inch which was 3.59 inches below normal. Many stations in the north and west-central recorded totals of only 1.50 to 2.50 inches. In contrast heavy rains fell along the eastern border with totals ranging generally from 8 to 10 inches. Greatest total was 10.99 inches recorded at Beaty Lake. Principal periods of rainfall were the 1st-2nd, 4th-6th, 10th-13th, 20th-21st, 23rd-24th, and 27th-28th. The State average precipitation was 4.63 inches which was 0.40 inch below normal.

At the end of April cotton planting had made rapid progress in some areas while in other areas less than one-fourth the intended acreage had been planted. Rice seeding was also well along with seeding varying from 30% to 70%. Land was being prepared for soybeans and many fields were planted. Small grains were developing rapidly with the fall-sown beginning to head. Fall oats were heading unevenly. Small amounts of grain hay were cut. The planting of early corn, much of which was up and cultivated, was well advanced. Strawberries had recovered nicely from the March freeze and harvest was starting. Tomatoes were making a fine growth and pruning and staking were in progress. At month's end pastures were in excellent condition, cattle were gaining weight, and milk production was increasing.

STORMS

Of the 28 severe storms reported over the State during the month of April damage was caused by high winds in 20 storms, from hail in 8 storms and from lightning in one. There were 3 tornadoes reported. Total damage from all storms was estimated at nearly three-quarters of a million dollars. Most serious was the damage totaling \$435,000 from the hail and windstorm in an area 12 by 80 miles from Independence County eastward through Jackson, Poinsett and into south Mississippi County between 6:30 p.m. and 8 p.m. on the 5th. In Independence County hail caused considerable damage in Huff, Rosie, and Oil Trough areas where losses were estimated at \$50,000 to crops, and \$75,000 to other property. In Jackson County property losses from hail amounted to \$250,000. One person was injured at Newport by broken glass. Additional losses occurred in Poinsett County, the Harrisburg area, in the Marked Tree-Truman-Lepanto area, and in south Mississippi County. A summary of storm losses charged \$50,000 by hail to crops, \$250,000 by hail to property, and \$185,000 by wind to property. A tornado in the Green Forest area of Carroll County at 8 p.m. on the 4th caused \$6,300 damage to property. On the 21st at 1:41 a.m. a tornado caused death and destruction over an area 80 yards wide and one-half mile long in the Whitehall area of Jefferson County. Besides \$10,000 damage to property there were two persons injured and one killed. The next day at 5 p.m. at Biggers, Randolph County, a tornado left a path 200 yards wide and 1 mile long with property damage estimated at \$6,000.

Marion G. Talcott

SUPPLEMENTAL DATA

ARKANSAS APRIL 1955

	Wind	disection		Wind m.	speed p. h		Relati	ve hum	idity ave	rages		Numi	ber of d	ays with	precip	itation		,	Daet
Stabon	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30% CST	b: 30A CST	12:30P CST	6130P ST	Trace	6010.	10-49	5099	1.00-1.99	2 00 and over	Total	Percent of possible sunshine	Average sky cover sunnse to su
FORT SMITH W8 AIRPORT	ENE	17	8.4	42	SE	27	76	84	54	55	4	7	3	0	0)	14	64	5.7
LITTLE ROCK W8 AIRPORT	S	15	10.6	41	E	1 7	71	7.8	54	55	4	4	0	3	1		1.2	66	5.8
TEXARKANA W8 AIRPORT	-	-	-	-	_	-	-	-	-	-	5	3	2	2	1		,		-

Table 1

COMPARATIVE DATA

APRIL

	Т	emperatu	16	P	recipitatio	on		Te	mperatu	re	Pr	recipitatio	a		T	mperatu	re	P	recipitation
Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average enowfall		Уемі	Average	Highest	Lowest	Average	Average snowfall
1891 1892 1893 1894 1895	62.8 61.4 64.9 63.1 63.1	93 97 94 91 98	22 27 29 29 30	2.75 6.98 7.16 6.18 1.99	0.0 T 0.0 T		1916 1917 1918 1919 1920	59.9 60.4 59.6 61.6 59.8	92 90 96 95 94	24 23 25 24 21	3.65 5.69 7.63 3.56 5.49	T T 0.0 T		1941 1942 1943 1944 1945	63.7 62.8 62.9 60.1 62.6	94 88 95 88 89	32 20 25 19 23	5.04 8.42 3.20 6.65 7.44	0.0 0.0 0.0 T
1896 1897 1898 1899 1900	67.8 61.4 59.2 60.7 62.2	94 90 93 96 96	24 31 19 19 24	3.65 4.14 3.09 3.28 4.98	0.0 0.0 0.0 T		1921 1922 1923 1924 1925	59.8 63.5 61.4 61.4 67.4	91 90 95 94 98	22 26 23 18 28	7.87 5.54 6.30 4.99 2.62	T 0.0 0.0 0.0		1946 1947 1948 1949 1950	65.0 61.9 66.2 60.0 58.2	94 89 93 92 91	30 26 27 23 20	5.46 5.74 3.46 2.75 3.29	0.0 0.0 0.0 T T
1901 1902 1903 1904 1905	58.1 61.2 60.6 56.8 61.1	96 96 91 89 96	22 25 26 24 25	3.82 2.87 1.86 3.88 6.29	T 0.0 T T		1926 1927 1928 1929 1930	59.1 65.7 57.3 64.0 64.9	94 99 87 92 96	18 26 22 29 27	2.65 12.93 8.52 5.69 1.41	T 0.0 T T 0.0		1951 1952 1953 1954 1955	58.1 58.1 57.7 66.4 65.5	90 93 90 92 94	21 23 23 17 27	4.33 5.88 7.10 4.00 4.63	T T T T
1906 1907 1908 1909 1910	63.7 54.9 63.3 60.9 59.8	97 89 94 88 90	27 24 24 24 22	2.55 5.44 6.32 4.52 5.14	0.0 0.0 T T		1931 1932 1933 1934 1935	59.1 63.8 61.1 62.7 60.2	92 92 93 90 90	21 28 28 29 29	2.62 2.85 4.80 3.51 4.37	0.0 0.0 0.9 0.0 T		A11 Years	61.5			4.96	Т
1911 1912 1913 1914 1915	60.5 61.9 .61.2 61.0 64.3	90 93 94 94 96	29 26 27 19 19	9.86 8.14 4.91 4.57 2.96	0.0 T 0.0 0.0 T		1936 1937 1938 1939 1940	59.7 61.7 62.1 59.3 59.9	96 96 94 91 95	17 20 24 19 18	2.64 3.18 4.83 7.13 6.93	T 0.1 0.1 T T							

Beginning with 1955, averages have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

				Ten	npera	ture											P	recip	itation					
				[]					80	N	lo. of	Day	/9			le le	^		Snow,	Sleet, l	Hail	No	of .	Days
Station	Average Maximum	Аvетаде Міпітит	Average	Departure From Norm	Highest	Date	Lowest	Date	Degree Day	Above W		5 k	Below Gi	Total	eparture	From Norm	Greatest Da	Date	Total	Max. Depth on Ground	Date	.19 or More	.50 or More	1.00 or More
HIGHLAND DIVISION																								
ALUM FORK ASHOOWN 8ENTON 8ENTONVILLE BOONEVILLE CAMP CHAFFEE	78.8 79.7 78.3 75.4 78.5 78.8	53.9 55.8 52.4 50.9 53.9 52.7 53.8	60.4 67.8 55.4 63.2 66.2 65.8 66.1	4+8 4+9 5+5		29 22 22 22 22	34 39 34 29 34 33	8 8 7+ 8 8	58 41 70 118 68 77 68	1 0 0 2	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	3.23 3.55 2.87 2.83 2.55 2.23		.91	0.77 1.69 1.15 0.61 0.68 0.73 0.78	12 6 20 21	7 0.0 0.0 0.0 0.0	0 0 0 0		7 4 7 9 5 6 7	3	0 1 1 0 0
CLARK5VILLE CONWAY OAROANELLE OE QUEEN	78.3 80.1 80.0 81.0	53.8 54.7 55.1 54.7	67.4 67.6 67.9	5 • 2 5 • 0 4 • 6	92 93	22 22 22	40 39 38	7+ 8 7	47 41 41		0000	0000	0 0 0	5.10 2.22 4.79	- 2	.11 .16	1.86 0.73 1.20	1 13	0.0	0 0		6 7 8	2	0 2 0 2

FAYETTEVILLE CAA AP FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP FORT SMITH WAS AP FORT SMITH WATER PLANT GILBERT GRANNIS GRAVETTE GREN MOUNTAIN HARRISON HOT SPRINGS LEAO HILL LITTLE ROCK WB AP MAMMOTH SPRING MASHALL MORRILTON MOUNT IOA MOUNT IOA MOUNTAIN HOME C OF ENG MARSHALL MASHVILLE PEACH SUBSTA MARSHALL BHERIOAN TOWER SILOAM SPRINGS MARSHALL BHERIOAN TOWER SILOAM SPRINGS MALORON WHITE ROCK OLVISION OELTA OLVISION ARKAOELPHIA BALO KNOB BATESVILLE LIVESTOCK MARSHANA WB AP TURPPIKE MALORON WHITE ROCK OLVISION OELTA OLVISION ARKAOELPHIA BALO KNOB BATESVILLE LIVESTOCK AM MATIANNA AM 79.5 77.0 78.2 78.1 78.1 76.0 77.0 78.2 78.1 78.1 78.2 78.1 78.1 78.2 78.1 78.2 78.1 78.2 78.1 78.2 78.1 78.2 78.1 78.2 78.1 78.2 78.1 78.2 78.1 78.2 78.1 78.2 78.1 77.2 78.2 78.1 78.2 77.2 78.1 78.2 77.2 78.2 78.1 78.1 78.2 77.2 77.2 77.6 77.2 77.6 77.6 77.0 77.0 77.2 77.8 77.2 77.8 77.2 77.8 77.2 77.8 77.2 77.8 77.2 77.8 77.2 77.8 77.2 77.2	Average Minimum Average	No. of Days		o. of Day
OCVILS KNO8 EUREKA SPRINGS FAYETTEVILLE FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP FORT SMITH WB AP FOR SM	aimum prage			T = T
DEVILS KNOB CUREKA SPRINGS CUREKA SPRINGS CAYETTEVILLE CAYETTEVILLE CAA AP CAYETTEVILLE CAA AP CAYETTEVILLE EXP STA CLIPPIN CAA AP CORT SMITH WA CORT SMITH WA AP CORT SMITH WA CORT SMITH W	erag nimin	Normal Age Max. Min	urture Normal Normal Lost Day More	More
EUREKA SPRINGS - AYETTEVILLE - AYETTEVILLE CAA AP - CORT SMITH WA AP - CORT SMITH WATER PLANT - SILBERT - SRANNIS - SRAVETTE - SRAVETTE - SRAVETTE - SRAVETTE - SREEN MOUNTAIN - ARRISON - 40PE 3 NE - HOT SPRINGS - EAO HILL - AMMOTH SPRING - AARSHALL - AND AND AM - ALVERN - AMMOTH SPRING - ARSHALL - AND AND AM - AND AM - AND AND	Ave Ave	B ad a a a a a a a a a a a a a a a a a a	a ta	.50 or]
SELTA OIVISION	52.6 62.9 53.3 64.8 52.6 64.1 51.2 62.8 51.4 63.3 51.0 64.0 54.7 66.2 51.4 64.8 50.3 64.2 53.1 64.9 50.6 63.3 51.5 61.6 50.4 63.9 56.2 67.0 M 55.4 68.6 50.4 63.9 51.9 66.0 55.4 68.3M 51.1 64.7 51.7 63.9 54.8 66.0 55.4 68.3M 51.1 64.7 51.1 64.7 51.7 63.9 64.0 63.5 66.7 49.6M 63.2M M 51.9M 64.2M 52.0 63.5 49.6M 63.5M 53.4 64.6 51.9M 64.2M 52.0 63.5 49.3M 64.0M 51.9M 64.2M 52.0 63.5 54.8 66.0 55.4 68.1 54.8 66.4 53.9 67.3 54.4 66.5 52.1 63.8 60.4 53.9 67.3 54.4 66.5 55.4 66.9 51.9M 65.5M 56.1 68.1 54.8 60.4 53.9 67.3 54.4 66.5 55.4 66.9 51.9M 65.5M 66.1 68.1 54.8 66.9 67.1 67.3 65.8M 67.3	5.7 86 22 37 7 7 122 0 0 0 0 0 0 1 88 92 22 32 8 106 0 0 0 1 88 22 32 8 106 0 0 0 1 8 8 22 32 8 109 0 0 1 2 8 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
PINE BLUFF 79.6 PINE BLUFF CAA AP 77.8 POCAHONTAS 1 76.6 PORTLANO AM 79.5 PRESCOTT AM 79.5 SAINT CHARLES AM 76.8 SEARCY 77.6 STUTTGART 78.7	54.9M 66.0M 54.0 67.1 54.0 65.1 54.3 65.7M 55.0 65.9 55.0 67.3 56.8 67.0 54.6 65.5 54.6 66.5 54.6 66.5 54.2 66.4 55.2 64.8 53.1 04.3 55.0 65.8 65.8 64.6 55.5 66.6 66.5 54.6 66.5 54.6 66.5 54.6 66.5 54.6 66.5 54.6 66.5 54.2 66.4 55.2 64.8 53.1 04.3	89 22 39 8 67 0 0 0 0 0 0 0 0 0	0 6.62 1.39 1.45 5 T 0 0 8 8 3.11 21 0.0 0 8 8 3.27 3.85 1.93 21 0.0 0 0 8 8 3.2 3.85 1.93 21 0.0 0 0 6 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	5 1 4 2 2 2 2 2 2 2 1 1 1 2 2 2 2 2 2 2 1 1 1 3 2 2 2 2

Ø DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AND STATE MEANS.

Table 3																													Af	PRIL	1955
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	of m	nth 15	16 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABBOTT ALICIA ALUM FORK ALY AMITY 3 NE	2.99 4.59 3.23 4.43 3.98	.70 .21 .16	•10 •35 •05	т	-	.10	T •16 •77 1•54	.18 .05 .08	Т	3	Т	.44 .18 T .21	T T .70	.36 1.04 .25	.09	13	10 17	10	10	т 1	.00 .87 .70 .80		.08	+41	20	T		.31	_		01
ANTOINE APLIN 1 W ARKAOELPHIA ARKANSAS CITÝ ASMOOWN	5.35 3.54 6.62 5.66 3.55	.60	•23 •05		1.44		.85	1.22 T			.09 .08	.47 T	.20 .51 .30 .09	.88 3.34	•07 •10 T					1	.09 .02 .88	т	T T .10	.08				• 35 • 12 • 03			
ATHENS AUGUSTA BALO KNOB BATESVILLE LIVESTOCK BATESVILLE L ANO D NO 1	4.90 5.98 6.46 3.77 4.40	.25	.57		T T	•01 •17 •35	T .04 .16	.48 .08 .14			•11	.07 .16 T .06	•25 •06 •67	1.15	.16 .08 .18						. 45		.06	•67 •74 •11	T		Т	.71 .02 T T	Т		
BEATY LAKE BEAVER BEECH GROVE BEECEVILLE BENTON	10.99 2.79 5.02 6.43 2.87	1.78 .02 .49	.18 .28 .17 .95		T •02	T • 03	.83 .25 .55	.09			.47	.04 .46 .40 1.03	1.24	.03 1.31 1.38	.60 .15					•82 1 ?	.75 .20 .71 .44		T	•20 •15 •63 •02	т		T	T			
BENTONVILLE BIG FORK BIG LAKE OUTLET BLACK ROCK BLAKELY MOUNTAIN DAM	2.83 4.25 9.82 4.31 2.33	.18	.35 1.60 .35	• 27	.24	т	.08 .08 1.17 .16	.14 .16 .08			Т	.41 .86 .16	•06 •36 T T •07	1.10 3.17 1.06	•34 •05 •09 •03	• 0 2				.60 l	•14 •35 •98 •59		• 08	•02 •59 •04 •52				• 19 T	T		
BLUFF CITY BLYTHEVILLE BOOMEVILLE BOUGHTON BRAOFORO	5.01 8.32 2.55 4.02 6.21		1.85 .01 .02 .53			*15 1.08	.60 .14 .50	.90 .07 .48		• 20 • 05	•30 •98		1.75	1.33 .25 .59 1.02 1.19	.23					1	.08 .93 .68 .23	•29	•03	1.00			Ŧ	.50 .04 .38			
BRINKLEY BUFFALO TOWER BUROETTE CABOT 4 SW CALICO ROCK	5.94 4.51 10.14 3.31 3.64	.62	.43 .35 2.28			.10	1.30 .25 1.22 .10 .36	T T •17			•14 •70 T	.95	.96	.03 .25 1.39 .25	•03 •40 T •21					.38 2	.77 .70 .10			•51	•07			Ŧ	т		
CAMOEN 1 CAMP CMAFFEE CARLISLE CLARENOON CLARKSVILLE	4.51 2.23 6.10 7.20 2.40	.06 .73 .17	T •03 •35 •98 •14		• 09		.20 .24 2.08 1.25	1.50			•09	.27 .21 .10 .15	• 20	1.18 .03 1.85 2.96 .07							.11 .08 .83 .26		.03 .80	+15			. 05 T	• 23			
CLINTON COLO SPRINGS CONWAY CORNING COTTER	4.15 4.43 5.10 4.48 2.60	.93 1.86	.67 .71 .70			.08 T	. 86 . 0 4 . 0 4	.16 .10 .01 .04			•08	.38 .15 .07 .45	.12 .65		•02 •34 •18					•22]	44 23 12 37		. '0	+19 +16 +40		т		.20	• 09		
COVE CROSSETT 7 S CRYSTAL VALLEY CUMMINS FARM DAISY	5.44 4.33 3.34 5.18 4.92	1.20 .44 .56 .60 .67	•11 •15 •05			*06 *12	.90 .60	•71		•20	+42	T T	.17 2.18 .45 2.60	.79	.15						.10 .37 .83 .28		Т	•06			Т	1.00			
DAMASCUS DANVILLE DARDANELLE DE QUEEN DERMOTT	4.61 3.29 2.22 4.79 5.22	.05 .42 .23 .75	1.00 .12 .11			.27	.38	.05 .07				.38 .10 .27	.19		.18	•					1.45 1.68 .55 .48	•02	.07 T	T +17				1+14			
DES ARC DEVILS KNO8 DUMAS 1 EAGLE GAP EL ODRADO CAA AP	4.40 4.70 8.27 - 2.87	.11 .31 .93 -	.20 .40 .06	-	.03 -	T •14 •02 — T	.33 .53 2.07 -	.03 .20 .42	-	- T	.27 - .21	•06 •69	+04 +78 3+47 -2+33	- 55	•03 •28	-		-	-	T :	1 • 45 1 • 42 • 33 • 05		07	•57 •18	-		.07	.02	-	-	
EUREKA SPRINGS EVENING SHADE FAYETTEVILLE FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA	2.48 5.17 3.37 2.71 2.85	.09 .29 .29 T	.23	Т	.06 T	.33 .02 .41 .20	.29 1.65 .58 .17 .22	.15			•10 T •53	.35 1.00 .02 1.03	•26 •36	.53 .26	•23				• ?1 T	•64 •57 •67 •16	*01 1*63 *15		T T •01	T			T T	*18 *12 *21			
FLIPPIN CAA AP FOROYCE 6 W FORESTER 4 WNW FORT SMITH WB AP FT SMITH WATER PLANT	1.92 - 3.97 .90 3.17	.24 .17 .90 .02 .70	.10		.06 T	.05 † .15	.07 2.00 .75 .20	.60 .16			• 27 • 13 • 08		.26 2.00 .20 .06	2.00	·17	-	-	-	-	.04	.01 .60 T	7	•19 - •05	<u>-</u>	di	- •06	- τ	T - 26 + 04 T	- •06	-	
FOUNTAIN HILL FULTON GEORGETOWN GILBERT GLENWOOO	7.18 4.06 3.36	.74	.52 .72	.35	.02	.70	.14 .44 .28	.47 .21		• 05	T •02		.94	1.60 .35 .06	.04 .25 .08					.05	+43 T +-68 +85 +56		T	т			T • 02	+20 T +14 +42	T		
GRANNIS GRAVELLY GRAVETTE GREEN FOREST GREEN MOUNTAIN	3.61 2.73 2.60 3.11	т	.06 .08 .64		•15	.32		.23				.03 .46 .42 .38	•53	1.07	•05					•67 •20 T	1.16 .72	.08	.10 T				•01 T	1.24			
GREEMBRIER GREEMWOOD GUROON HAMPTON HARRISON	3.84 3.32 3.50	.95 .54 .06 1.35	T •32			.04		•72 •75			T .57	.15 .18 T	.25 .35 .95	1.08 1.36	.13					•27	.75 .73 .34	Т	•03	.07			т	.25 .25			
MEBER SPRINGS 3 NE MECTOR MELENA MENOERSON 2 W MOPE 3 NE	5.33 2.20 9.95 1.42 4.83	.68 .13 .89	.54 1.98 .27 T			•01	.09	.09 .16 .31		•02	• 05	.20 .45 .74	T ∗52	1.25 .70 4.05 .04 1.43	.10 .06					Т	. 84 . 25 . 64 . 13 . 04		Т	• 17 • 52 • 31			Т	T + 3 3	7		
HOPPER HORATIO HOT SPRINGS HUTTIG OAM INGEX	3.83	.78 .27 .43 1.30	.10			.05 .80 .03 .02	.74	•21 •23 T		.15 .25	. 43	.01 .01 .17	.16 .87 .03	1.02 1.37 .09 2.30 1.10	•32						•5? •32 •29 •26		*06 T	•08			T	.66 1.44 .04 .10			
JASPER JESSIEVILLE JONESRORO KEO LAKE CITY	2.91 2.67 8.46 4.13 9.16	.32 .48 .06 .22	1.23	• 13	•02		.09 .45 1.62 .73 1.55	•15 •11 •17			•17	.37 .03 .37 .01	1.93	1.53 .28 2.10	. 24					;	.68 .48 .70		.04	*05 *27 1*15 *14 1*15				.03			
LANGLEY LEAD HILL LEE CREEK LEOLA LITTLE ROCK NB AP R/		.25 .78 .10 1.21	т .		.03		.06 .10 2.10 .88	.16 .33			.70	,53 T	.22 .65 .86	1.25	.31					• 20 • = 1	.79 .40 .63	+16	+0^	± 45				. 70 T	*18	•06	
LITTLE ROCK FILTER PL LOST CORNER LOUANN 2 SE LURTON MAOISON	4.49 4.15 1.74 6.97 10.27	.04 .10 .63	1.04 .93 1.36		7	.18	.88 1.30 .47 1.12	.26		0.2	•05	.65 .50	·12	.42	.08 T					•10 3	469		ø 3 7	+11				. 40	Ť		
MAGNOLIA 3 N MALVERN MAMMOTH SPRING MARIANNA MARKED TREE	3+42 2+28 2+16 9+39 9+46	.03 .82	T .89 1.67	• 28		.74	.28 .76 .10 1.44 2.11	.12		.03 T	•05 T	.20 .64 .20 .65	.16		.07 T					*45	•10 •78 •27 •54 •26		.04	* 18 T				• ?5	Ť Ť		

Station	otal							,							y of m	_		.07	10	10	00	01	00	00	0.4	05	0.0	07	00	00	00	0.
	Tot	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
MARSHALL MARVELL MELBOURNE MENA MONTICELLO	5 · 42	87	-	-	-	- T	2.62 .52 1.38	14	~	-	•59 - •26	•66	•12	4.15	.14 - .18	-	-	-	-	-	_	2.75 .90 1.51 .63	-	•22 •10 •50		-	-	-	.87	-	-	
IOROBAY L ANO O NO B IORRILTON . IOUNT IDA . IOUNT MAGAZINE IOUNTAIN HOME	2 · 84 3 · 31 3 · 09 4 · 92 1 · 85	.07 .60	•08	7 3 7		T •02	.16 .02 .12	.08 .07 .09		•01	+08		.01 .43 1.05	1.04	•15 •11							*17 1*98 *45 2*23			• 30			• 02	• 25			
OUNTAIN HOME C OF ENG OUNTAIN VIEW 1 W ULBERRY ARROWS DAM ASHVILLE PEACH SUBSTA	2.41 4.76 2.59 5.17 6.37	.18	•68	3 • 0 !	5	•01 •40 •86	•25 •10 •15	.02 .31 .18 .30				•37 •35 •35 T	•20 •12 •15		.36 .02 .15 .22							•33 2•36 •55 1•14 •76	T 406	T T	• 42 • 04 • 06			T T	• 03 T T • 81 • 52		т	
ATHAN EWHOPE EWPORT IMROO DAM DELL	7.46 3.75 5.96 2.29 3.70	.15 .75	.61	.0;	.08	•28	1:10 :72 :73 :65	.07 .08 .18		Т		.22 .23 .04	1.11	1.13 .35 T .65	•10 •02 •23							2.73 1.35 1.66 .63 1.25		.10	. 78		Т		.90	•05		
DEN KAY SCEOLA WENSVILLE ZARK	3.55 3.82 8.08 3.46 3.19	.98	1.66 •01	5	.09	• 20 • 28	1.26 1.31 .27	.09 .02 .03 .02		т	•03	.98 .02	.10 1.17 .84	.14 1.92 .48	т							.72 T 7.15 .77		•05 •05	T • 5 7			Т	•38 •20 T			
ARAGOULD ARIS ARKIN ERRYVILLE INE BLUFF	5.40 2.16 7.36 3.71 5.60	.60 .55	1 - 27			•02	.35 .12 1.56 .07	1.57			* 35 T	•12 •47 •10	•83 •04 T	.12 3.20	.03 .12 .05					Т		1.15 .33 .20 1.08 .52		.02 T	•91 •26 •82				т			
INE BLUFF CAA AP INE RIDGE OCAHONTAS 1 ORTLAND RESCOTT	6.35 4.27 4.75 4.06 4.40	.26	• 0 5 • 4 7 T	7		1.17 .10 .30 .05	•99	.10 T		T T	•10 •20 •01	.09 .28 .35	•10	1.16	•15 •16						•31 •17	.42 .85 1.39 .65	Т	•92 •06	•04 T			•38	T •49			
ATCLIFF ISON OGERS USSELLVILLE AINT CHARLES	2.47 5.59 3.46 2.65 6.57	.07 .42	.07		• 42	T •14	.80 .41 .18 .04	1.40			•10 •04 T •05 •02	•15 T •51 •31	.83	2.52 .53 .15 3.94	•29						.96	.34 .48 1.05			• 67 • 46	Т		•19	•01			
AINT FRANCIS ALEM EARCY HERIDAN TOWER HIRLEY	4.48 3.09 7.86 3.54 5.32	.14 .02	.49 .66 .88 .03				•45 •33 •08 •50 •42	T •08 •22			.10	•85 •17 •04 •42	•05 1•85	1.39 1.00 1.44 .06	• 28 • 36						.54	.80 .63 4.20 2.37	•40		• 22							
ILOAM SPRINGS PARKMAN TAMPS TAR CITY 2 S TEVE	2 • 44 4 • 76 4 • 60 3 • 42 4 • 31	.34 .17	T •08	т	•22	• 23	7 •40 •72	.11 1.60 .47 2.66		Т	•08		1.04	T 1.61 1.52 .25 1.37	.80						.21	T •30 •04			• 45				•20			
TUTTGART TUTTGART 9 ESE UBIACO UGAR GROVE AYLOR	5 • 23 5 • 15 2 • 79 2 • 74 2 • 57	•26 •48	• 35			*10 T	.78 .81 .14	.16 .11		.16	.03	.25 .24 .35 .13	•12 •89	2.60 .50 1.12	.23							•68 •46 •38 •35	.02	т	• 40			Т	T •19			
EXARKANA W8 AP R// URNPIKE ALORON ALNUT GROVË ALNUT RIDGE CAA AP	4.07 6.49 1.55 3.69 5.28	.38 T	•04		.96	*04 *32 T *05 1*36	• 20 T • 29			.11	T T T • 28	T •21	1.78 1.09 .40 .35	.07 T 1.02							T 1.45 .31 1.48	1.02		T T •31	*10			•11	•05 T			
ARREN ASHITA HITE ROCK HITECLIFFS ILSON	5.04 1.88 3.03 3.86 8.70	.20 .74	.04	÷	Т	T • 04	.71 .17 1.20 1.20	.17 .19 .17			•12 T	T •45 •95	2.63 .58 .18	.01 1.10 .52 1.20 2.43	•19							.45 .46 .12 2.15		Т	• 73	• 27		Т	•05			
YNNE ELLVILLE	9.41		1.2				1.63				•37	•06		3 • 11						.19		2.97			a 30							

DAILY TEMPERATURES

ARKANSAS

Table 5		_	_						ע	AI	Lĭ	1.	Ľ IV	171	LK	AT	UK	ES														1955
Station						_						-				Day	Of	Mon	th													a Da I
		ł	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Ave
	Ax 1N	72 62	69 45	77 40	76 57	80 55	77 53	67 42	68 34	74	71 51	78 58	75 57	67 53	75 44	84 45	85 55	36 54	88 65	81	77 65	83 54	90	85 65	79 59	80 50	80	82 59	87 60	86 58	85	78.8 53.9
	AX IN	7 to	67 45	72	82	8 O 5 B	81	77	70	72 51	72 54	64 55	79 54	69 56	67 49	81	86	87 52	89	87	84	80 57	83	90	81	82	86 52	84	83	85	90	79.5
ASHDDWN	Ax In	72	74 45	79 51	81	79 59	74	69	70 39	72	67 56	78 53	72 57	67	79 52	86	85	81	86	83	79	84	85	84	83	88	86	84	84	91	89	79.7
BALO KNOB	AX	67	67	74	73	80 53	79 54	65	65 39	74	68	77 55	72	72 55	75 47	48 83 47	54 84 57	55 84 54	66 84 59	83 66	78 65	82 58	68 89 60	66 84 70	78 59	47 78 47	53 76 50	73	55 83 57	59 82 58	60 80 58	77.0
	Ax In	7 2 4 5	54	72 41	77	71 50	78 50	68	68 33	67	73 38	67 51	77	72 52	74 45	80	85	86 55	87	86	77	69	87	90	81	71	79	77	74	86	86	76.4
l l	Ax	69	72	76	76	80	78	67	66	74	72	77	76	75	77	85	86	87	86	83	79	04	61	68 87	80	52 77	45 78	53	55 85	54 84	50 83	78.7
8ENTON MA	Ax IN	50 68 53	69	39 78 38	75 53	82 53	52 76 52	35 67 38	67	35 74 43	67 54	54 78 55	71	55 68 53	79 43	84	61 86 48	52 87 48	66 84 63	68 80 64	62 77 63	58 82 56	88 59	71 84 67	65 77 63	48 84 45	47 78 48	83	55 85 62	54 87 56	52 85 59	52.5 78.3 52.4
SENTONVILLE MA	Ax	63	69	74 46	75 55	72 42	59	61	70 29	71	69	71 50	75 55	65 53	74 49	83	86	86 52	85	78	71 56	83	89	80	72	77	81 51	82	76 53	80	85	75.4
8LYTHEVILLE MA	A X I N	73 46	59 50	70 48	78 56	62 55	42	65 40	68 46	77 53	62 57	73 58	70	78 52	72 52	83	86 61	90 65	89	82 67	73 59	88	78 62	54	69	7 8 5 5	74 59	79	83	83 55	85 59	76.D 55.6
8DDNEVILLE MA		67 48	72 44	80 46	77 58	74 51	69 52	67 35	71 34	75 48	69 54	78 50	71 58	64 52	75 46	87 45	88 58	90 54	85 69	79 68	79 66	86 55	91 65	82 68	76 60	80	79 53	8 7 6 2	83 57	87 55	88 61	78.5 53.9
BRINKLEY MA		71 53	59 49	72 44	74 57	74 56	78 55	64	65 40	70 47	69 55	76 59	79 59	73 56	74 53	8 2 5 9	83	84	84	84	79 63	80 59	87 64	86 69	79 61	79 54	77 50	75 58	84	85 56	83 58	77.0 54.9
CAMDEN 1	AX IN	71 45	76 46	73 44	82 52	81 57	75 55	59 43	69 39	73	71 52	63 53	79 58	65 54	70 50	79 54	90 56	90 55	89	90	81 64	79 60	86 62	92 67	83	83	86 54	83 59	8 3 5 5	89 59	94 59	79.5 54.6
	Ax IN	69 48	70 43	79	78 56	76 44	66 51	67 36	69 33	72	71 54	76 52	75 58	63	76 49	86	89 51	89 52	87 63	84 65	79 67	85 56	91	89 69	83	80	77 54	86	83	84 55	85 52	78.8 52.7
CLARKSVILLE	- 1	68	71	79 45	76 55	73	68	68	68	73	71	78 54	74	64	78	85	88	88	88	82	76 65	85	92 55	83 71	79	81	77 52	79	85 59	86	85	78.3
CONWAY	AX IN	70	69	79	77	82	79	70	70	76	72 50	81	75	53 72 53	50 79 49	46 87 47	90	88	86	82	79	85	92	86 70	78 63	83	79 52	80	87	61 85 60	84 60	53.8 80.1 54.7
CORNING	Ax In	72 49	62	70	76 56	78 54	83	65	66	65.	71	61	79	71 58	78 51	73	83	86 59	88	86	84	83	84	88	81	70 50	72 48	78	74 56	76 59	82 54	76.2
CRDSSETT 7 S MA	Ax IN	74	71	80	78	79 65	79	69	71	67	63	77	73	75 57	79 52	87	86 51	85 51	88	85	82	82	88	87	86	86	83	81	87	90	88	80.2
	Ax	65	72	75 45	74	7 0 5 5	70	70	70	70	70	70 50	70	74	76 47	78 51	88 56	83	84	87 58	86 61	86	89	89	88	78 50	78 53	77	85	85 61		77.8 53.6
DARDANELLE	A X I N	71 53	70	81	78 59	79 56	71	70	70	76 47	72 55	81 55	74	72 55	79 50	88	89	90	87	81	78 68	85	93 63	86 71	78	82	81	83	86	85 62	85 64	80.0
OE QUEEN MA	AX IN	68	76	81	88	82	74	78 38	72 39	76 52	65 57	80 53	75	67	82	88	88	84	89	82	78 67	84	92	84	82	88	80	83	85 57	91	89	81.0
DES ARC	AX IN	72	61	68	76 52	72 56	81	79 43	66	66	74 52	62	78	68	74	76 50	83	85 58	86	86	84	77	82	89	82	75 53	79 52	76	78 62	85 59	85 59	76.8 55.0
DEVILS KNDB	Ax IN	61	65	71	68	72 49	60	63	65	70	64	71 48	67	59 46	74	80	84 61	82	83	75 61	67 59	80	86 62	81	73 53	78 48	75 55	73 57	81	84	81	73.1 52.6
DUMAS 1	AX IN	68	64	78	75 54	75 54	68	58	60	61	62 55	77 56	71	74 51	77 56	85	86 56	89 56	85 58	78 56	82 66	82	84 61	84 66	84	8 1 5 2	82 54	80	84 62	89 57	85	76.9 54.9
EL DORADO CAA AP	A X IN	69	72 46	81	78 53	79 62	75 50	68	73 39	66	64 54	75 52	70	71 54	78 51	88	86 56	86 55	86	84	78 65	83	87 64	83 65	84	85 49	85 52	81	86 56	93 60	90 63	79.5
	AX IN	67 49	67 47	75 48	72 58	72 49	65 46	62 35	71 36	72 43	68	71 50	74	65 48	68	83	87 66	86 57	85 65	80 67	72 56	84 57	91	88 70	76. 56	77	82 58	82	80 55	81 53	84 56	76.2 53.3
FAYETTEVILLE MA	A X I N	63	68 46	76 46	74	70	61	62 34	70 32	76	66 50	76 50	72 55	60	73 47	84	86 65	87 53	85 65	77	74 63	83	89	82 66	73	75 46	81	82	7 7 5 7	82 55	85 55	75.6 52.6
FAYETTEVILLE CAA AP	AX IN	60		75 42		70			70 32			70	71		73 47	- 1	85	84	84	75 67	76 58	84	88 67	79 63	69	75 44	79 48	81	76 55	81 55	84	74.3 51.2
FAYETTEVILLE EXP STA MA	Ax	65	68	74	75	69	64	60	69	73	68	7 1	72	60	72	81	83	84	83		76 59	85	88	84	73	75 43	80	82	76	80	86	75.1 51.4
FLIPPIN CAA AP	IN AX IN	50 61 48	45 69 46	76 37	57 75 54	73	59	34 64 38	70 31	39 75 37	65	51 76 51	55 73 56		46 76 46	86		89	85	77		83	94	85	71	76 52	82	79	82		85	76.9
FOROYCE 6 W	AX 1N	69	69 44	81	76 55	77	75 42	68	70	72	64	79 55	71		77																88	
FORT SMITH W8 AP MA	AX IN		70			70	64	67		73		78 55	69		76 50	87	89 57	90 56			80 66			84	76	80	77 55	88		85		77.7
FT SMITH WATER PLANT MA	Ax IN		70	77	78	75	73	65	68	73	72 53	74 52	70		75	85	86		87	83	78 64	82		88			80				86	78 • 2 51 • 4
GILBERT	AX IN	67	69	75 38	72	76 49	66	65	72	7.5 3.5	70	78	75 57	70	78	85	90		85		76 59		92	88	77	78 45	80	78	83	84	86	78 • I 50 • 3
GRANNIS MA	AX	66	70	75	76 56	79	73	69	70	75	65	74 52		65	79		83	81	82	77	75 65	79	86 62	80	77	85 52	75 57	79		87	84	76.7 53.1
GRAVETTE M.	AX IN		69	76 48	75 53	71	60	61	70		70	71	73		73 46	84	85	87 56	83	79 63	70 56	84	89	82 67	7 I 5 4	78	82 53	82	7 7 5 5	83	86 55	75.9 50.6
GREEN MOUNTAIN M.	AX IN	68	54 42	60	72	67	72	64	68	72	70	68	74			70	72 52	74 56	84	82	76 54	70	76 57	84	74	64	72	74	76	78	80	71.7
HARRISON M.	AX IN		70	75	72	75	66	70	68	74 36	70	75 50	74	67	76		90	85 52	87	80	74 56	85	92 58	85	74	76	81	77	7.8	84	84	77.2
HELENA M.	AX	68	66	74	71	81	74	64 47	68		65	73 58	73.	76 58		83	84	85	88	86	80	80	87	83	78	77	79	77	83	88	83	77.2 56.8
HDPE 3 NE M	Ax	73	62	49	79	81	73	63	67	70	,,,	71	78	66	69	79	86	,,,	8.4	85	83	77	83	86		82	85	81	81	85	89	77.6
M	IN	40	44		46	57	53	43	40	43		49	56	55	50	49	52		55	65	57	58	61	65		50	54	56	54	58	02	53 • 2

ARKANSAS APRIL 1955

DAILY TEMPERATURES

Table 5 - Continued									ע	Δı	111	. 11	E TAI		3112	71.	OII.														APRIL	1955
															1	Day	Of 1	Mont	h													Average
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Ave
HOT SPRINGS	MAX	72 50	72 45	80 50	78 59	84 60	79 52	72 43	72 40	78 50	70 55	79 56	75 57	67 53	80 51	87 54	87 62	88 60	86 66	81 67	7 7	83 56	90 67		78 62	86 55	84 55	83 62	86 60	88 60	89 63	80.5 56.7
JONES80RU	MAX	67	69 49	76 48	76 54	80 55	75 51	64 40	63 38	73 43	68 53	73 53	70 60	77 56	72 50	83 50	85 59	88 58	87 61	81 66	76 67	81 57	89 62	83 70	74 59	73 53	75 50	70 55	82 55	80 59	78 59	76.3 54.6
KEO	MAX MIN	67	68 47	77 43	75 54	81 55	73 53	66 40	66 40	73 46	63 55	80 53	73 59	73 53	78 49	86 50	88 55	85 55	89 63	84 62	77 65	85 57	93 62	84 69	78 61	80 50	78 51	79 61	86 59	85 58	83 60	78.4 54.6
LEAD HILL	MAX	67	70 46	76 36	75 58	73 46	62 44	65 29	70 27	75 34	64 46	76 50	75 54	70 50	76 48	8 6 4 8	91 55	88 60	88	78 65	76 56	82 58	94 59	84 62	75 58	77 50	83 46	78 60	82 57	83 49	84 48	77.4
LITTLE ROCK W8 AP	MAX MIN	66 45	67 49	78 46	75 54	81 58	66 51	67 44	67 45	73 50	61 55	81 55	69 56	70 52	79 50	87 51	89 61	84 57	87 65	83 66	76 68	84 58	92 64	83 66	76 61	81 53	77 54	81 62	85 64	85 64	84 63	77.8 56.2
MAGNOLIA 3 N	MAX MIN	72 52	71 43	80 43	80 55	74 56	70 56	67 45	69 38	68 49	66 52	75 52	69 56	69 53	76 48	86 47	84 57	83 57	85 64	83 64	80 61	83 58	88 65	83 64	82 65	84 45	84 50	83 59	85 53	89 59	89 59	78 • 6 54 • 2
MALVERN	MAX	70 54	70 44	80 41	79 59	83 56	79 55	69 43	71 38	73 54	56	76 59	69 54	80 46	86 46	88 52	89 50	86 65	85 63	84 67	81 68	84 57	91 60	87 69	82 64	82 49	79 51	85 61	86 61	88 58	89 62	81.1 55.4
MAMMOTH SPRING	MAX	63	71 49	77 38	74 50	83 50	73 50	66 31	70 30	75 34	66 41	77 51	72 60	76 53	75 47	87 40	90 59	89 54	87 65	80 69	75 58	83 58	94 56	84 71	76 60	76 50	81 45	72 55	85 50	85 58	84 50	78•2 51•1
MAR I ANNA	MAX	69	57 49	65 45	72 54	70 58	80 55	67 44	63	64 49	72 55	61 57	74 59	68 57	74 51	72 52	81 57	83 57	83 61	85 60	79 64	79 59	80 63	85 68	79 58	75 54	76 50	78 56	75 57	82 56	85 58	74.4 55.2
MARKEO TREE	MAX	73 36	58 49	68 45	75 47	75 55	82 55	66 43	63 39	64 42	75 46	62 57	75 57	68 57	77 52	73 51	85 52	85 58	88 60	87 64	82 65	78 58	82 58	88 66	78 60	73 54	73 50	77 54	72 55	82 58	82 51	75.5 53.1
MARSHALL	MAX	65	67 46	74 43	69 47	77 48	64	63 33	69 32	73 46	69 51	72 51	72 61	68 54	74 54	83 42	85 61	82 61	83 62	79 57	84 55	89 62	88 62	82 61	78 53	75 51	78 46	74 53	80 59	82 53	83 52	76 • 0 51 • 7
MENA	MAX	64	70	77 45	77 59	79 58	70 50	65 44	7 0 38	75 48	68 54	77 55	70 56	62 51	79 49	85 50	85 59	85 57	85 66	78 65	73 65	81 55	88 63	80 65	74 59	83 50	76 54	82 63	81 55	87 57	87 63	77.1 54.8
MONTICELLO	MAX																		Ì			81 61					82 44	81 58	86 58	89 56	86 64	
MORRILTON	MAX	69	70 48	78 40	75	79 56	69 52	69 43	67 39	74 44	67 53	78 54	72 58	7 0 5 3	78 52	86 45	88	87 54	86 67	80 67	78 68	85 56	90 62	85 69	75 64	81 52	76 50	79 63	86 59	85 61	84 59	78 • 2 55 • 2
MOUNT IOA	MAX	68	59 41	71 36	77	78 55	80 54	61 37	68 30	70 42	75 47	65 51	75 54	70 52	65 43	78 40	85 50	85 49	85 67	86 67	79 67	80	83 48	89 68	81 65	80 53	83 45	76 48	82 48	84 54	87 54	76.8 49.6
MOUNT MAGAZINE	MAX	57 41	61 39	69 48	65	70 57	65 43	58 38	62 43	66 46	61 47	70 49	64	56 45	68 44	79 57	80 59	79 63	77 59		72 59	76 52	83 64	78 64	69	71 50	70 57	76 57	76 54	77 60	77 58	70.1 51.9
MOUNTAIN HOME	MAX	68	70 50	74 41	72 53	75 50	70 48	65 38	68 34	73 38	69	75 51	72 58	70 50	74	86 42	88 61	86 56	86 67	80 69	74 59	82 57	83 58	82 70	75 50	78 47	75 57	82 57	83 57	83 52		76.5 51.9
MOUNTAIN HOME C OF ENG	MAX	70 46	56 49	69 41	75 49	72 48	76 48	59 38	65 34	67 39	72 45	63 51	76 54	72 55	70 47	76 43	86	89 59	87 66	85 69	75 59	71 57	85 57	93 68	81 61	62 49	77 48	78 58	75 57	84 58	85 53	75.0 52.0
NARROWS DAM	MAX	77	58 39	73 40	79 45	77 52	79 56	68 38	71 35	71 45	8 0 5 5	65 52	82 53	64	65 46	81	84 41	85 45	84	85	87	77 55	80 55	87 63	86 58	89	88 49	76 59	89 48	85 58	89 59	78.7 49.3
NASHVILLE PEACH SUBSTA	MAX	72 48	5 8 4 2	74 45	76 50	78 58	80	67 37	69	69 47	73 52	64 52	75 54	62	65 49	77 46	83 53	82	80	82	79 62	76 56	80 59	85 64	80 62	79 50	84 55	76 60	80 55	82	87 64	75.8
NEWPORT	MAX	58			72 49	83 52	70 51	68 39	66 35	75 39	64 50	79 51	69 57	75 50	77 46	84	88	89	89 64	84	77 68	83 59	90 64	82 64	72 63	78 63	79 51	75 58	85	84	85 57	77.6
NIMROO OAM	MAX	75 45	75 45	69	80	75 41	81	68 38	69	, ,	78 43	65 52	78 52	72	70	77	87 52	88	88	87 60	78 62	77 55	85	92 70	82	75 50	81	80	87 61	86 57	88 58	79.1
OKAY	MAX	73 50	73 45	79 53	80	78 59	75 53	68	71 41	72 51	70 56	79 54	76 58	68	79 51	85 49	85 58	84	86	85 64	80 65	83	87 65	87	83.	86	85 54	81	83 55	90	90	80.0
OZARK	MAX MIN	67	72 45	78 49	76 57	74	66 51	70 35	69 37	74	68	75 55	71 57	65 52	77	86	88	87 58	86	78 68	77 67	83 56	91	84	76 59	84	78 54	83	84	85 59	86	77.9
PARAGOULD	MAX	68	68	74	75	81	73	64	64	73 38	71	72 54	71	75 58	71 50	80	83	86 55	85	81	78 61	81	86 62	84	77	71 52	76 47	73 54	82 54	80	83 54	76.2 53.0
PARIS	MAX	69	73	81	79	76 51	69 52	69	71 36	76 45	70	80	75 58	64	77	90	90	90	89	83	81	88	94	87	87	81 48	82	88	85 58	88 56	89	80.7
PERRYVILLE	MAX	69				81	69	68			69 52	80 56	74 59	70	79 50	82					70				76	74		80		85	82	78.6
PINE BLUFF	MAX	71	66	81	77	80	72	67	70 42	70	66	81 57	71 59	74 55	80	88	53 89	87	67 89	85	63 79	84	92	83	82	56 84	77	80	87	63 89	87	79.6
PINE BLUFF CAA AP	MAX	67	66	78		79	68	65	67	68	62	79 55	70	72	78 49	86	86	85	87	83	79	83	90	82	81	82	77	63 78	86	88	86	77.8
POCAHONTAS 1	MAX	68	70	75 41	73	80	73 52	67	43 65 35	50 72 39	71	74	71	74	75	80	85	57 86	85	81	77	80	87	85	77		75	73	82	59 82	81	76.6
PORTLANO	MAX	73	70	68	76	73	77	75	65	70	65	62	77	70	52 75	78	53	83	82	86	58 82	80	80	69 85	81	51 84	84	78	78	85	88	77.1
PRESCOTT	MIN	73	63	73		52 80	75	65	66	72	75	53 78	70	72	80	52 87	55 89	57 87	88	83	63 76	59 85	90	65 82	83	85	53 80	53 83	58 85	90	89	79.5
ROGERS	MIN	65	68	75	74	58 71	61	60	70		70		74	63	72	51 81	56 85	56 87	65 84	78	72	82	88	65 82	52 74	75	80	55 81	80	81	85	75.4
RUSSELLVILLE	MIN	72	69		75	77	71	69	70		70	79	75	70	77	87	63	56 89	65 87	82	78	57 85	93	88	56 79		80	79	53 86	85	84	79.3
SAINT CHARLES	MIN	72	58	65	76	71	83	37 66	36 65		75	62	77	73	74	75	53 84	55 85	68 85	68 87	67 82	57 80	61 81	71 87	82	79	50 79		79	62 85	88	76.8
SEARCY	MIN	68	69	75		81	56 80	66	66	49 74	70		74	71	50 77	54 84	85	59 86	65 85	65 82	65 79		90	69 82	55 77	55 79	53 77	61 75	83	59 82	80	77.6
SHERIDAN TOWER	MIN	70		42 79		53 80	54 81	40 75	38 68	74	52 68	54 80	58 76	55 76	49 75	46 89	54	56 89	63 88	65 89	65	57 90	61 90	69 83	61 83	52 77	51 78	60 82		62 83		54.1
SILOAM SPRINGS	MIN	45 70	51	52	52 71	54 75	55 70	47 53	37 61	43 69	52 72	54 67	53 70	52 70	45 64	5 0 7 4		52 86	55 85	56 83	76	59 72	60 83	59 88	80	50 70	50 76	49 80	50 77	51 75	51 80	51 • 3 73 • 6
STUTTGART	MIN	68	66	47 78	56 76	40 83	43 71	29 67	31 68		65	47	53	74	43	45 85	54	87	59 89	65 84	59	57	52 90	67	76	39	47		56 86	88	85	48 • 5 78 • 7
	MIN	54					55	43	42	50			60	54	49	51	58	57		61			64	60	65			61	62			55.7

DAILY	TEMPERATURES	

Table 5 Continued									D	ΑI	LY	T	EM	1PI	ER	ΑTΊ	UR	ES															ANSAS 1955
Station																Day	Of	Mon	th													T	90.6
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
STUTTGART 9 ESE	MAX		65 48		74 46	74 57	8 0 5 5			66 49		61 54	76 59		71 50		78 51	83	83		81 65	81	80	87 67	81	79 50	77 51	77 55			88 61		75.9 54.6
SU8 IACD	MAX	67 51		79 49	79 49	73 54	68 52	68	70 41	73 42		77 52	73 55		74 53	86 50	88 52	88	86 65		81 70	85 58	92 62	86 68	78		80 56	87 65	86 65	88 63	89 63		78.8 55.4
TEXARKANA W8 AP	MAX	59 48	71 45	79 54	80 58	74 63	69 51		70 44	71 51		77 53			77 51		85 59	79 62	85		78 66	84 61	87 66	83 66			85 58	82	81 57	88 64	89 63		77.6 56.9
TURNPIKE	MAX	61		72 51	71 45	72 46	61 45	60 39	65 40	70 45		72 48	67 51		74 46		84 61	82 67	79 61		70 57	80 53	87 61	80 63	70 55		75 55	76 59		81 57	8 1 5 8		72.9 52.3
WALORON	MAX	68 47	70 40	79 40	75 61	77 51	69 51	65 35	72 32	76 44	71 54	78 47	76 56	63 46	77 45	87 45	88 55	89 51	86 68		80 67	84 55	91 59		78 58		77 49	86		86 53	88 56		78.8 51.8
WALNUT RIDGE CAA AP	MAX	58 50	70 49	75 44	72 54	80 52	64 47		64 39			74 53			73 50		84 58	86 57	85 63		73 59	80	87 64	79 60	68 55		76 50	70 56		81			74.7 53.4
WARREN	MAX	72 56		75 46	73 56	76 62	72 50					80 55			79 51		87 56	88 59	88	87 63	83	82	90 64	83 67	83 64	84 54	80 52	83 56		90 58	88 53		79.7 55.7
WHITE ROCK	MAX	60	64 44	73 49		71 51	68 43		64 41			67 43				80 50	83 62	83 64	82 61		72 58	79 57	85 63	83 63	75 52		74 57	77 58		81 57	82 57		73.8 53.0
WILSON	MAX	60 45	70 50	76 46	78 56	82 57	81 55	71 46	60 43	77 46		71 57	73 61		78 53		86 63	89	89 62			83 59			78 56		78 55	79 55		81 61	82 59		78.2 56.7
WYNNE	MAX MIN		66 49	74 43	70 59	81 57	78 53	62 39	63 35	73 42	68 55	74 54	69 59		72 47	81 52	82 60	84 61	85 63	80 60	76 68	80 59		79 66	75 59		78 47	72 53		82 56			75.3 54.1

EVAPORATION AND WIND

																	Day c	f mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLAKELY MDUNTAIN DAM	EVAP		*	*	.45	.07	.17	-11	. 22	* -	*	.48	. 24	.06	.16	.22	*	*	.67	.32	.23	.05	.17	-	* -	. 89	.25	.19	. 30	.28	-		6.048
HOPE 3 NE	EVAP WINO					-17 17			.19				- 47	- 25							.18					.49							6.348
MDUNTAIN HOME C DF ENG	EVAP																																5.60 1660
NARROWS DAM	EVAP																																5.70 1451
NIMRDD DAM	EVAP																				.28												6.278
RUSSELLVILLE	EVAP WIND																				.09												5.00 618
STUTTGART 9 ESE	EVAP		.37		.20									- 50							. 15 56												4.850

						Obser-										1	Obs	ser-		APRIL I	-555
Station	Index No.	County	Drainage 1 Latitude	Longitude	Elevation	Temp.	Observer		fer o les	Station	Index No.	County	Drainage ‡	Latitude	Longitude	8	Temp dud		Observer	Refer to tables	
Alicia Alum Fork Aly	0006 Bcc 0064 Law 0130 Sal 0138 Yel 0150 Cla	wrence line ll	1 35 0- 7 35 5- 1 34 4- 3 34 4- 3 34 1	91 05 92 52 93 29	824 256 755 854	5P 5P	James V. Williams Ruby B. Ownns L. R. Water Works Gura B. Swaim Mrs. Alta F. Garnnr	3 3 2 3 5 3 3	ccc	Lurton Madison Magnolia 3 N Magnolia 5 N Malvero	4528 4548 4550	Newton St. Francis Columbia Columbia Hot Spring	4	35 46 35 00 33 19 33 20 34 23	93 05 90 43 93 14 93 13 92 49	2007 215 315 360 311		7A E	ola 1. Dollar Dawen E. Ghent Barl E. Graham Irk. Pwr & Lgt Co. Malvern Fire Dept.	3 3 2 3 5 7 2 3 5	7 C
Aplin 1 W Appliton Arkadelphia	0178 Pik 0188 Per 0196 Pop 0220 Cla 0234 Des	rry pe ark	3 34 00 1 34 50 1 35 25 3 34 00 2 33 30	93 00 92 53 93 03	522 200	7A MID 6P 6P	Drew A. Lamb Bobart Watts John A. Jonee Billman E. Lawrence John W. Trammull	3 3 2 3 5 3	c c	Mammoth Spring Marianna 2 S Marked True Marshall Marvull	4638 4654 4666	Fulton Lee Poinsett Searcy Phillips	5 7	36 29 34 44 35 32 35 54 34 33	91 32 90 45 90 35 92 38 90 55	690 234 229 1050 195	8A	7A W	John H. McKee July, of Arkansas Jilliam M. Crick Mrs. Minnie Borton terlin Wallace	2 3 5 7 2 3 5 7 2 3 5 7 2 3 5	7 7 C 7
Athens Augusta Bald Knob Batesville Livestock	0300 Bos 0326 Woo 0350 Whi 0458 lnd	odruff ite dependence	4 33 4 4 34 1 7 35 1 7 35 1 7 35 4	93 5B 91 22 91 34 91 47	218	7A 7A 6P 6P 9A 9A	Southwestern G & E Arra D. Pnrker David G. Griffiths Univ. of Arkansas Univ. of Arkansas	2 3 5 3 2 3 5 2 3 5 2 3 5	c c	Maumne Melbourne Muna Monticello 3 S Montrose	4746 4756 4900 4906	Ashley	7 3 3 3	36 03 36 04 34 35 33 35 33 19	92 39 91 54 94 15 91 4B 91 29	749 610 1207 285 125	6P 5P	7A I 7A E 5P A MID A	Verne N. Oavenport van L. Sbrader S. W. St. John krkansas A & M Col. krk. Pwr & Lgt Co.	3 2 3 5 7 2 3 5 7	C 7 C 7 C
Bear Creek Lake Buaty Lake Beavur	0496 Lee	. Francis	7 35 4 7 34 4 5 35 0 7 36 2 7 35 0	90 42 90 43 93 46	220 400 930	M1D 5P 7A	James J. Mitchum U.S. Forest Service L. G. Adamson B. E. Skelton Lowell E. Perkins	2 3 5	c c	Morohay Lock & Dam Morrilton Mount Ida Mount Magazine Mountain Home	4938 4988 5010	Calhoun Conway Montgomery Logan Baxter	3	33 19 35 07 34 33 35 10 36 20	92 27 92 45 93 38 93 41 92 23	85 280 663 2800 800	5P 7A 7P 7P	7A E	Corps of Engineers Comma S. Leavell Cilliam E. Black U.S. Forest Service L. H. Halbert	3 2 3 5 2 3 5 2 3 5 2 3 5 2 3 5 7	c c
Beedeville Benton Bentonville	0534 Gre 0536 Jac 0582 Sal 0586 Ber 0616 Car	ckson line nton	1 36 2	91 06	221 285 1295	6P 8A 6P 7A	B. B. Hammond P. M. Breckinridge Mrs. Etta C. Burks Earle L. Browne Lucile R. McWethy	3 3 2 3 5 2 3 5	. с	Mountain Home C. of E. Mountain View 1 W Mountainburg 3 SSW Mulherry Narrows Dam	5046 5056	Baxter Stone Crawford Franklin Pike	1 1	36 20 35 52 35 36 35 34 34 10	92 23 92 08 94 12 94 01 93 43	800 768 730 500 425		7A N 5P 7A B	Corps of Engineers fildred E. Ward CLOSED Tenry G. Arvin Corps of Engineers	2 3 5 6 3 11/10/54 3 2 3 5 6	c 4 c
Big Fork Big Lake Outlet Black Rock	0662 Bay 0664 Pol 0676 Mis 0746 Law 0764 Gar	lk ssissippi wrence	7 36 00 3 34 20 5 35 50 7 36 00 3 34 30	93 58 90 08 7 91 06	1100 238 259	7 A	CLOSED Anna M. Liles N. W. Douglas Lee W. McKenney Corps of Engineers	1/1/5 3 3 3 3	6 C	Nashville Peach Substa. Nashville SCS Nathan Nowhope Newport	5114 5158 5174	Boward Howard	3 3	34 00 33 57 34 07 34 14 35 36	93 56 93 51 93 52 93 50 91 17	550 373 550 850 225	ľ	7A E	Buiv. of Arkausas boil Coms. Service dua J. Westfall Elsie F. Word auther D. Summers Jr	2 3 5 3 3 2 3 5 7	c 7
Bluff City Blytheville Booneville	0798 Yel 0800 Net 0806 M1s 0830 Los 0842 Van	vada ssissippi gan	7 35 3	93 09 89 55 93 55 92 30	360 252 511	7A 7A 7P 7A MID	Corps of Engineere Paul M. Adams R. E. Blaylock Cleo E. Yandell Thomas M. Pearson	3 2 3 5 2 3 5	7 C C	Niarod Dam Norfork Dam Odell Oden Okay	5228 5354 5358 5376	Perry Baxter Washington Montgomery Howard	1 3	34 57 36 15 35 48 34 38 33 46	93 10 92 15 94 24 93 48 93 53	425 1500 800		7A M	Corps of Engineers Corps of Engineers Ars. Remzo Hurst Mera J. Gann G. T. Hargis	2 3 5 6 3 3 2 3 5	c c
Bradford Brinkley Buffalo Tower	0848 Net 0872 Whi 0936 Mot 1010 Net 1020 Baz	ite broe wton	3 33 5 7 35 2 7 34 5 7 35 5 7 36 2	91 28 91 10 93 30	240 205	5P 5P 7A	Mrs. Larue Kelley Marsball Bickmon (Carl L. Riddell Beulab F. Fowler Curps of Engineers	3 3 2 3 5 3	7 C	Osceola Ownnsvilln Ozark Paragould Paris	5498 5508 5562	Mississippi Saline Franklin Grsen Logan	3 1 5	35 43 34 37 35 29 36 04 35 18	89 58 92 49 93 50 90 29 93 45	250 500 396 275	4P	6A E	lwyn A. Cowan Guy Cook Burns Wakefield Adin Station KDRS Fred J. Girard	3 3 2 3 5 2 3 5 2 3 5	,
Cabot 4 SW Calico Rock Canden 1 Candun 2	1052 Mis 1102 Lor 1132 12s 1152 Ous 1154 Ous	ard achita	2 35 4 7 34 5 7 36 0 3 33 3 3 33 3	92 04 92 08 92 49	116	7A 7A	G. A. Hale B. M. Waltber Austin D. Barris John W. Knight Edith Z. Lehman	3 3 3 2 3 5	7 C	Parkin Parthenon Perryville Pine Bluff Pine Bluff CAA AP	5602 5694 5754 5756	Cross Newton Perry Jefferson Jefferson	1 1 1	35 16 35 57 35 00 34 12 34 10	90 35 93 15 92 49 92 00 91 56	222 925 325 215 205	5P 7P	MID A	Corine D. Gardner Arthur B. Carlton Artie E. Rankin Mary T. Scheu J.S. Civil Aero Adm	3 2 3 5 2 3 5 2 3 5 7	c c
Canaan Carlisle 1 SW Carpenter Das	1172 Set 1188 Ser 1224 Lor 1238 Gar 1442 Mor	arcy noke rland		92 44 7 91 45 7 93 01 1 91 18	235 172	MIT	U. S. Army Froncy Dell Borton John L. Tait Ark. Pwr & Sgt Co. B. F. Northern	2 3 5	c c	Pine Ridge Pocaboutas 1 Portland Proscott Prescott SCS	5820 5866 5908	Montgomery Randolph Ashley Novada Nevada	7 3 3	34 35 36 16 33 14 33 48 33 48	93 54 90 59 91 30 93 23 93 23	840 330 122 318	7A 7A	7A E 7A M	J. R. Huddleston demedictine Sisters Mrs. Pearl Newton R. P. Hamby Goil Cons. Service	3 2 3 5 7 2 3 5 7 2 3 5 7	7 7 7 C
Clinton Cold Bprings Combs 3 SE	1455 Joh 1492 Van 1520 Sco 1574 Mac 1582 New	n Buren ott dison	1 35 2 7 35 3 3 34 5 7 35 4 7 36 0	93 28 92 28 93 54 93 48 93 18	1250	7A 7A MID	Dr. Irving F. Beach Earl B. Riddick Margaret Zornes Maude C. Brashears William L. Binam	2 3 5 3 3	c c	Pyatt Ratcliff Ravana Rommel Dam Rison	6008 6016 6102	Marion Logan Miller Hot Spring Cluveland	1 4 3	36 16 35 18 33 04 34 26 33 57	92 51 93 53 94 02 92 54 92 11	800 463 250 - 231		7A L	Ona V. McLean Julu M. Weeks Bonny L. Allen Ark. Pwr & Lgt Co. J. H. Yaney	3	c c c
Corning Cotter Cove	1596 Fau 1632 Cla 1640 Bax 1666 Pol 1730 Ash	ay xter lk	4 34 2	92 27 90 35 92 31 94 25 91 56	293 440 1050	7A 7A 7A	G. Y. Short Mrs. Laura Polk Robert T. Fielding Joe C. Allen U.S. Forest Service	2 3 5 2 3 5 3 3 2 3 5	7 C	Rogers Russellville Saint Charles Saint Francis Suarcy	6352 6376 6380	Benton Pope Arkansas Clay White	7 5	36 20 35 18 4 23 6 27 5 15	94 07 93 08 91 08 90 08 91 44	1387 360 200 300 245	5P 8A	5P T 8A F 7A W	foward Fowler J.S. Forest Service Tish & Wildlife Serv William S. Buckley Man C. Melton	2 3 5 7 2 3 5 6 2 3 5 3 2 3 5 7	7
Cummins Farm Daisy Damascus	1750 Pul 1768 Lin 1814 Più 1829 Fau 1834 Yel	ncoln ke ulkner	1 35 2		176 629 705	6P 6F 7A 7A	Virda Byrd Cummins Prison Farm Robert T. Tedder William A. Brown J. A. Moudy	2 3 5 3 3 3	C 7	Sheridan Tower Shirley Siloam Springs Smitbville Sparkman	6586 6624 6698	rant Van Buren Benton Lawrence Dallas	7 1 7	4 27 5 38 6 11 36 05 13 55	92 21 92 17 94 33 91 18 92 48	290 600 1150 450 260	7A	7A M	irk. Formstry Comm. Maud H. Bradford John Brown Univ. L. R. Richardson rs. Rachel Butler	2 3 5 7 3 2 3 5	7 C
Denver Dermott	1838 Yel 1948 Set 1956 Boo 1960 Chi 1968 Pri	vier one icot	2 33 3	2 94 21 3 93 18	1028 140	SP 7A MID 8A	Gretchen Goodier O. Tucker Vasser Clarence E. Collins L. W. Wilson C. J. Rister	2 3 5 2 3 5 3 2 3 5	7 C	Stamps Star City 2 S Steve Stuttgart Stuttgart 9 ESE	6820 6856 6918	Lafayette Lincoln Yell Arkansas Arkansas	1 1	34 53 34 29	93 30 91 51 93 19 91 32 91 25	270 392 682 214 198	6P 7A	7A 7 7A 7	ubert Baker irk. Forestry Comm . P. Sims George L. Clark Univ. of Arkansas	3 3 3 2 3 5 2 3 5 6	С
Dumae 1 Dumas 2 Durham	1982 Joh 2148 Des 2150 Des 2176 Was 2204 Bcc	sha sha shington	7 35 5	91 30 91 30	162 165 1243	7P 7F	Earnest C. Campbell Ben Johnson Ark. Pwr & Lgt Co. Goldie E. Brink Maxine M. Booper	2 3 5 2 3 5	7 C C	Subiaco Sugar Grove Sugar Losaf Mountain Taylor Texarkana WB Airport	6940 6944 7038 7048	Logan Logan Cleburne Columbia Miller	7 4	35 18 35 04 35 29 33 06 33 27	93 39 93 48 91 58 93 27 94 00	500 500 300 247 361	7P MID	9A (New Subiaco Abbey O. R. Fennell CLOSBD Idella O. Norwood J.S. Weather Bureau	2 3 5 3 5/25/54 3 2 3 5 1	7 C
Euroka Springs Evening Shade Fayetteville	2300 Uni 2356 Car 2366 Shr 2442 Work 2443 Was	rroll arp shington	7 36 2 7 36 0 1 36 0	92 48 93 44 91 37 94 10 94 10	1465 490 1370	6P 6F 7A 7P 7F	U.S. Civil Aero Adm Mabel F. Spray Opha Wolfe Charles F. Ford U.S. Civil Aero Adm	2 3 5 3 2 3 5	7 7 C	Turnpike Viola Waldron Walnut Grove Walnut Ridge CAA AP	7488 7524	Pope Fulton Scott Independence Lawrence	1 7	35 40 36 24 34 54 35 51 36 08	94 06 91 21	675 250		7A 5P 1	U.S. Forest Service CLOSED William O. Bivens A. H. Fast U.S. Civil Aero Adm	3	7 C
Flippin CAA AP Fordyce 6 W Foreman Forester 4 WNW	2556 Scc	rion 11as ttle River ott	1 33 4	92 36 92 31 94 24 7 93 53	700 280 400 660	MID MIE SP SF MID 7A	Univ. of Arkansas U.S. Civil Aero Adm John Yeager Leslie P. Callens Mrs. L. L. Nelson	3	7 C	Warren Washita West Fork Wheeling White Rock	7592 7694 7744 7772	Bradley Montgomery Washington Fulton Franklin	3 7 7	36 19	92 04 93 32 94 11 91 52 93 57	680		MID I	Warren Cotton Oil Co Nora Lee Mayberry Mrs. N. C. Tbrelkel Thomas W. Cone U.S. Forest Service	3	c c
Fort Smith Water Plant Fountain Bill	2564 St. 2574 Set 2578 Crs 2598 Ast 2670 Ber	awford bley	5 35 0 1 35 2 1 36 3 3 33 2 4 33 3	94 09	793 175	5P 7A	Thomas A. Moore U.S. Weather Bureau R. J. Schoeppe Jethro R. Denson Ina J. Logan	2 3 5 2 3 5 3 3	7 C	whitecliffs wilson winfrey wing wynne	7936	Sevier Mississippi Crawford Yell Cross	1	35 34 35 44	94 04 90 02 94 06 93 28 90 46	1152 350		MID	L. M. Snead D. O. Anderson Clyde F. Meadors Wiles B. Turner Wn. M. Courtnny	3 2 3 5 2 3 5	c c
Gilbert Glenwood Grannie	2760 Wh: 2794 Sec 2842 Pil 2908 Po: 2922 Yei	arcy ke lk	3 34 2	92 43	595 547 920	6P 7A 7A SS 7A	Bessie E. Akers C. Eli Jordan Daisy G. Vaught W. E. McVay Willie Pendergrass	3 2 3 5 3 2 3 5 3	7 C	Yellville	8084	Marion	7		92 41			7A I	Madge V. Doshler	3	
Gravette Green Forest Green Mountain Greenbrier Greenwood	2930 Ber 2946 Car 2952 Sto 2962 Far 2976 Spi	rroll one ulkner	7 36 2 7 36 0	94 26 93 26 2 92 12 4 92 23 3 94 15	1350	7A 7A 8A	Elson B. Schmidt Obed B. Wilson U.S. Forest Survice Thomas E. Cantrell Dorothy M. Benn	2 3 5 3 2 3 5 3 3	7	† Huber Springs 3 NE Danville SCS Salem	1835	Cleburne Yell Fulton	1	35 32 35 04 36 23	92 01 93 24 91 50	525 370 668	1	MID	ester B. Logan oil Conservation Se Jas. B. Caldwell	3	c
Gurdon Bampton Bardy Harrison Beber Springs 3 SW	3074 C1: 3098 Cai 3132 Sb: 3164 Boo 3230 C1:	lhoun arp one	3 33 3 7 36 1 7 36 1	93 09 2 92 26 9 91 29 4 93 07 8 92 03	362 1052	6P 7/	Roy S. Robbs Soil Coms. Service Theresa Donaldson Bea Gray Beene Wayne Stark	3 3 2 3 5	c c												
Henderson 2 W Bope 3 NE	3235 Por 3242 Ph: 3258 Bas 3428 Ber 3438 Mor	illips xter mpstead	2 34 3 7 36 2 4 33 4	8 92 58 2 90 35 2 92 16 3 93 33 2 93 41	200 580 375	6P 7A 75 8A 7A	Dorotby B.Spilshury Charley M. Friddell Emil W. Hentzlen Cucil M. Bittle Lona A. Sbields	3 2 3 5 3 2 3 5 3	6 C												
Boratio Bot Springs Buntsville Buttig Dam Index	3442 Ser 3466 Gas 3540 Mac 3556 Un: 3584 L1	rland dison	3 34 3 7 36 0 3 33 0	5 94 22 1 93 03 5 93 44 2 92 05 5 94 03	630 1453 60	5P 5F	Elizaheth W. Friday Nntl Park Service May Pearl Markley Corps of Engineers W. E. McDowell	2 3 5 3 3	7 C C												
Jasper Jessieville Jonesboro Keo Kingsland	3600 Ner 3704 Gn: 3734 Cr: 3862 Lor 3904 C1	wton rland aighead noke	7 36 0 3 34 4 7 35 5 1 34 3		857 730 345 230	7 A 7 J 6 P 7 A 7 P 7 E	Lottie D. Davis Mrs. Velma M. Dunn Benedictine Sisters R. A. Waller Claudie W. Bunter	3 3 2 3 5 2 3 5	7 C												
Lake City Lamar 2 SW Langley Lead Bill Lee Creek Guard Sta.	3998 Cr: 4019 Joi 4060 Pti 4106 Boo 4116 Cr:	hnson ke one	5 35 4 1 35 2 3 34 1	9 90 26 6 93 25 9 93 51 4 92 54 2 94 19	230 550 796	7 / M10 7 / 7 / 7 / 7 / 7 / 7 / 7 / 7 / 7 / 7 /	Tressa St. Clair Peach Exp. Station Mabel F. Forrester F. W. Kellogg U.B. Forest Bervice	3 2 3 5 3	С												
Leola #Little Rock WB Airport Little Rock Filt. PI. Lost Corner Louann 2 SE	4134 Gr: 4248 Pui 4250 Pui 4324 Poi 4332 Dn	ant lnski laski pe ion	3 34 1 1 34 4 1 34 4 7 35 3 3 33 2	92 35 92 14 6 92 19 4 92 50 2 92 46	261 257 512 1550 130	MID MIE MIE 7/ 6F	J. R. Rhodes U.S. Weather Bureau L. R. Water Works Catherine Russell Flora A. Bamilton AINT FRANCIS 6. BAL	3 2 3 5 3 3 3	7 C	† Continuation	n of S	ugar Loaf Mou	ntn	in rec	ord.						

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issue of this bulletin.

Montbly and seasonal snowfall and beating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue

Unless otherwise indicated, dimensional units used in this bulletin ars: temperature in "F., precipitation and evaporation in inches, and wind movement in miles, Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1 beginning with July 1948

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent sneples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of Arkansas may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 // Gage is equipped with a windshield.

 AN Data based on observational day ending before noon.

 B Adjusted to a full month.

 Data for recorded stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

 E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 N One or mors days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

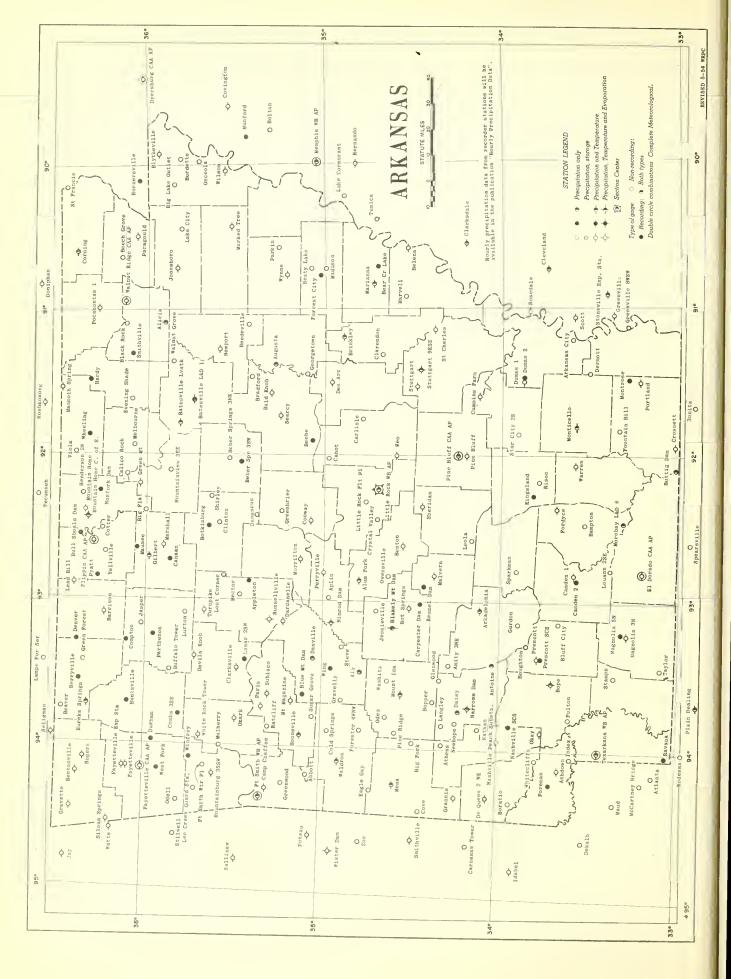
 Trace, an amount too small to measure.

 Includes total for previous month.

 SS Tobs entry in time of observation column in Station Index means observation made near sunset.

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NWRC. ASHEVILLE, N. C. -- 6-9-55 -- 1005



LEMBUR DE BURNEY

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

MAY 1955 Volume LX No. 5



ARKANSAS - MAY 1955

WEATHER SUMMARY

May was warm and rainy. Temperatures averaged slightly above normal and rainfall averaged 31% more than normal. Many stations received rain on ten to fifteen days during the month. An outstanding feature of the weather was the storm of the night of the 26th which brought several inches of rain to a number of stations. The greatest amount for that night was 9.45 inches at Keo. Heavy rains, high winds, and hail caused some damage to small grain, hay, and row crops. Soil moisture was adequate to excessive and sunny weather was needed for farmers to do necessary replanting and to work their fields. Grass was becoming a problem in some fields of row crops. Livestock had excellent grazing. Stock ponds were full. Commercial vegetables and gardens continued to do well.

Temperatures averaged a few degrees above normal throughout May except near or slightly below normal on the 20th, 21st, and the last few days. The highest temperatures, which were mostly in the high 80's or low 90's, were registered during the first week or on the 25th. Camp Chaffee recorded the highest maximum, 97°, on the 1st. Many stations registered their coldest temperatures on the 1st; many others, on the 30th. In general, monthly minimums ranged from the low 40's to the middle 50's. The lowest temperature for the month was 42° at Gravette. This is the highest monthly minimum for the State for any May since 1902.

Precipitation ranged from light to extremely heavy. Waldron received 1.48 inches of rain during the month. At the other extreme, Keo's amount was 13.76 inches. A few counties in the extreme west central part of the State received less than four inches. Several counties in east central Arkansas also received less than four inches. Most of the rest of the State received over six inches with totals exceeding nine inches over several counties in central Arkansas. Rains during the first week were mostly light with only a few stations reporting more than an inch. Precipitation during the second week was mostly light in the south but with local amounts in the northeast ranging up to several inches. General rains occurred over most of the State during the fourth week with amounts exceeding five inches at a few stations. On the night of the 26th, torrential rains fell over central Arkansas. Several stations received over five inches of rain during that night and five stations—Carlisle 1 SW, Des Arc, Keo, Little Rock WBAP, and Owensville—received over six inches. The average rainfall for the State for the month was 6.37 inches or 1.50 inches above normal. Most stations received more than their normal May amounts. Some exceptions were in the east central, extreme west central, extreme southwest, and extreme north central. Several counties from the vicinity of Little Rock and extending toward the northeast part of the State exceeded their normals by two inches or more. Little Rock received 6.70 inches more than the normal for that station.

The heavy local rains washed out some cotton and flooded some low fields, making replanting necessary. Grass was a problem in northeastern and northwestern counties. Elsewhere, the fields were mostly clean and the crop was in fair to good condition. The growers needed two weeks of fair weather for chopping and cultivating. Most of the rice was up to good stands. Some rice was not yet seeded. Some soybeans had not yet been planted. Some replanting of washed out fields was yet to be done. Other fields were up and growing rapidly. Corn and sorghums were doing well in most counties. Some had not yet been planted. Hay crops were making abundant growth. Substantial quantities of alfalfa and grain hay were damaged or completely lost while curing. Some tomato plants were still being set out at the end of the month and the harvest of commercial crops was about to begin in the south. The crop was in all stages of growth between those extremes. Other vegetables were in good condition and making favorable progress.

STORMS

Numerous severe storms occurred over the State during May. A few pertinent facts relating to some of these are included below. For more details regarding the May storms, the reader is referred to Climatological Data, National Summary.

Several witnesses saw a funnel cloud in Mississippi County at 4:50 p.m. on the 10th. The principal damage was the demolition of a grandstand. The total property damage was estimated at \$150,000. Between 3:30 and 4:30 p.m., May 10, hail caused considerable damage to crops and wind damaged property to the extent of \$100,000 in and near Swifton, Jackson County. Several persons witnessed the storms; one reported a funnel cloud which did not dip to the ground. A number of residents of the Jamestown community, Johnson County, reported seeing a small twister dip several times before hitting a dwelling which was twisted on its foundation. A tornado near Grays, Woodruff County, about 1 p.m., May 20 destroyed one house, unroofed several, and blew down small grain. Several reports originating from as many counties included damage to dwellings and power lines by lightning on the 20th. Lightning and wind caused \$12,000 damage in Warren, Dermott, and McGehee on the afternoon of the 23d. Lightning caused several thousand dollars damage to a house in Gravette and destroyed a barn near Rogers on the evening of the 23d. Hail destroyed 3,000 acres of cotton and 5,000 acres of other crops in Mississippi County on the 25th. The total losses were estimated at \$100,000. From 4 1/2 to 6 inches of rain accompanied the storm. Wind and heavy rain caused considerable damage to several buildings in the Hurricane Grove community on the 26th. A tornado did \$200,000 damage over a path 500 to 1,500 yards wide and 30 miles long in Garland and Saline Counties on the afternoon of the 26th. Another tornado on the afternoon of the 26th did \$10,500 damage to eight houses and two garages in Perry County. Heavy rains from 6:30 p.m., May 26th, to 4:00 a.m. May 27th, did considerable damage to crops and \$1,000,000 damage to other property in Pulaski, Lonoke, Prairie, and Monroe Counties. The principal damage was in Little Rock where many automobiles were stalled and warehouses and other property suffered extensive damage.

At 8:20 p.m., May 26, a tornado destroyed several houses and other buildings and damaged many houses and other buildings from Fitzhugh to near Weldon. The total damage from the May storms was in the neighborhood of \$2,000,000.

(Continued on Page 54)

SUPPLEMENTAL DATA

					p h	percer.		IV.	- ye Wit	1 1 1	Dac
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile		1300	00-1	6,7	×	bi k,'
INT SMITH WE	114				V -						-
THE MESK A THE T	100		4.19								
EXA KANA II.											

COMPARATIVE DATA

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	T	emperatu	ne	P	recipitati	on		Т	emperatu	re	Pi	recipitatio	а		Т	emperatu	re	P	recipitation
Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average snowfall
891 892 893 894 895	67.0 76.8 68.6 70.1 69.0	97 95 94 95 97	36 36 38 35 36	2.78 9.52 9.71 3.40 3.91	0.0 0.0 0.0 T		1916 1917 1918 1919 1920	71.6 63.5 72.2 66.8 70.8	99 97 102 96 96	34 31 29 38 39	3 56 3.15 3.01 6.01 8.17	0.0 0.0 0.0 0.0 0.0		1941 1942 1943 1944 1945	71.4 68.0 71.0 70.3 66.2	97 100 95 96 99	40 36 38 28 32	2.22 3.89 7.89 6.42 5.23	0.0 0.0 0.0 0.0
896 897 898 899	74.3 68.3 72.1 72.9 69.3	98 99 100 96 97	46 33 30 44 37	3.54 2.13 6.44 6.45 3.69	0.0 0.0 0.0 0.0		1921 1922 1923 1924 1925	69.7 70.8 67.2 64.6 68.0	99 100 98 94 102	29 40 27 30 26	2.25 5.00 8.24 4.64 1.88	0.0 0.0 0.0 0.0		1946 1947 1948 1949 1950	66.4 67.4 68.7 71.3 69.7	93 95 97 94 95	33 35 35 30 40	9.47 5.50 5.15 5.29 8.12	0.0 0.0 0.0 T
901 902 903 904 905	68.2 73.2 67.5 67.1 70.7	100 100 96 98 98	31 42 24 31 38	2.95 4.34 7.47 3.39 9.58	0.0 0.0 0.0 0.0		1926 1927 1928 1929 1930	69.7 71.7 69.5 67.6 68.8	107 97 98 97 95	29 32 34 30 37	2.42 6.54 3.60 6.31 10.06	0.0 0.0 0.0 0.0		1951 1952 1953 1954 1957	69.1 68.9 70.1 64.8 71.6	101 100 99 95 97	33 3 38 26 42	1.93 4.14 7.59 .43 6.37	T T T
996 907 908 909	68.8 63.8 70.0 67.0 66.0	100 91 96 92 95	28 31 30 28 31	4.71 9.48 7.05 6.76 6.56	0.0 0.0 0.0 0.0		1931 1932 1933 1934 1935	65.2 69.5 71.8 70.3 66.7	96 96 96 103 94	27 35 41 35 35	3.45 1.96 6.27 3.36 8.86	0.0 0.0 0.0 0.0		All Years	69.2			5.11	т
911 912 913 914 915	70.8 69.9 69.3 69.5 69.9	101 98 99 97 101	26 32 35 34 34	1.11 2.41 3.32 3.34 5.58	0.0 0.0 0.0 0.0		1936 1937 1938 1939 1940	70.9 71.1 70.2 69.4 66.6	96 99 97 96 96	35 36 34 34 33	2.50 3.63 4.62 4.35 3.62	0.0 0.0 0.0 0.0							

Beginning with 1955, averages have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

Т.	A	B	LE	2

Table 1

Station			a l																			
Station								91	N.	o. of	Days			Į p	~		Snow,	Sleet, I	lail	No.	of I	ays
Average	Average Minimum	Average	Departure From Norm	Highest	Date	Lowest	Dote	Degree Days	Above	ŭ b	Below Below	3 8	Total	Doparture From Norm	Greatest Da	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
#IGHLAND DIVISION ALUM FORK ASHDOWN BENTON BENTON S2.9 BENTONVILLE BOONEVILLE CAMP CHAFFEE CLARKSVILLE CONWAY BA1.9 BA2.9 BA2.9 BA3.2 BA3.2 BA3.2 BA3.2 BA3.2	62.3 58.5 56.6 61.1 60.0 60.5 61.3	71.6 73.3 76.7 67.5 72.6 71.8 71.9 72.7	3.5 2.5 2.0	9 0 9 2	5 2+ 5 4 5 1 5	51 49 45 49 45	30 30+ 30 30 30 14 30	0 0 1 21 0 2	2 0 7 6 3	0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	7.85 6.25 7.87 6.24 4.17 6.79 6.52 6.95 6.16	2 · 21 1 · 15	1.30 3.90 1.53 1.57 1.05 1.94 2.83	8 27 20 21 12 20 27	T 0.0 0.0 0.0 0.0 T 0.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		7 12 9 10 6 11 9	4 4 4 3 7 4 3.	2 1 1 2 1 1 3 2 2

	1				lem	pera	iure		T						P	recip	itation	(1)		,		_
Challen					mal				Days		of I			mal	Day		Snow,	Sleet, H	lail		of I	D
Station		age mum	age	age	rture Normal	est		60		Ma	+	Min.		rture Normal				Dept		More	More	
		Average Maximum	Average Minimum	Average	Departure From Nor	High	Date	Lowest	Degree	90° or Above	32° or Below	Below Below	Total	Departure From Norn	Greatest	Date	Total	Max. Depth on Ground	Date	5	.50 or	
EVILS KNOB UREKA SPRINGS AVETTEVILLE AVETTEVILLE AVETTEVILLE EXP STA LIPPIN CAA AP ORT SMITH WB AP T SMITH WATER RANNIS RAVETTE REEN MOUNTAIN ARRISON OPE 3 NE OT SPRINGS EAD HILL ITTLE ROCK WB AP ALVERN AMMOTH SPRING ARSHALL ENA ORNILTON OUNT INO OUNT INO OUNTAIN HOME OUN	R // AM	76.5 78.4 78.9 78.6 79.1 80.8 82.8 82.2 81.3 79.0 84.3 84.3 81.2 83.5 85.4 81.1 79.7 81.4 83.6 83.5 80.2 84.3 84.3 85.4 82.9 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6	57.8 58.6M 56.9 57.8 57.7 57.2 60.4 56.5 62.3M 62.3M 62.8 56.5 67.8 61.3 60.9 58.9 58.9 58.2 56.5 61.3 56.5 61.3 56.5 61.3 56.5 61.3 56.5 61.3 56.5 61.3 60.4 60.4	67.2 68.5M 69.2 67.8 68.5 69.3 72.3 69.7 69.6 68.3 73.4 68.9 73.2 73.4 68.9 73.2 73.4 71.0 69.8 71.4 72.3 71.0 69.2 73.4 69.2 74.2 69.2 74.2 69.2 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74	1.8 2.0 2.7 3.2 2.1 2.1 2.3 3.1 2.0 0.3 4.4 2.8 2.6 2.8 3.0 2.2	8988888888892933899298888889933888889933888899338888993388889933888899998888899998889999888999988899998889999	4 5 4 4 5 5 5 5 4 4 7 7 5 6 + 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	48 30 47 30 47 30 47 30 47 30 45 30 49 1+ 53 30 51 30 52 22 43 30 51 30 52 22 43 30 51 20 54 1+ 48 30 55 2 30 56 2 50 30 51 29 44 1 48 30 51 29 48 30 49 30 49 30 49 30 50 30	177 133 8 199 144 6 6 0 0 6 6 11 1 1 1 1 1 1 1 1 1 1 1 1	000000000000000000000000000000000000000	000000000000000000000000000000000000000		5.94 7.77 6.94 7.29 6.51 5.13 6.38 6.59 7.11 5.68 6.53 6.91 9.09 4.89 11.55 7.02 7.12 5.02 7.12 5.02 7.12 5.02 7.12 6.24 6.21 7.12 6.24 6.21 6.24 6.24 6.24 6.24 6.24 6.24 6.24 6.24	2.06 1.09 1.32 1.97 - 0.23 0.37 1.68 1.12 3.35 - 0.51 6.70 1.59 0.40 1.79 - 0.28 0.89 0.95 - 0.97 1.55 - 0.08 0.40 0.10 - 4.08	1.24, 3.04, 1.39, 1.94, 1.56, 2.11, 2.13, 2.00, 2.69, 1.49, 2.75, 7.68, 3.40, 2.22, 1.80, 2.43, 1.95, 2.43, 1.95, 2.44, 1.65, 2.43, 1.92, 1.93, 2.44, 1.65, 2.44,	20 26 26 27 20 21 27 20 27 27 21 22 27 21 27 21 27 27 21 27 27 27 27 27 27 27 27 27 27 27 27 27	0.0 0.0 0.0 T T 0.0 0.0 0.0 0.0 0.0 0.0			11 99 11 11 11 11 10 99 81 10 10 81 10 10 81 10 10 10 10 10 10 10 10 10 10 10 10 10	5654434 334433553665353 34456524454362541	333333333333333333333333333333333333333
O[VISION		:		70.7	2 • 2								6.46	1.15			Т					١
ELTA OIVISION RKAOELPHIA ALO KNO8	Ам	84.9 82.5	62.2 60.1	73.6 71.3	2.8	94	25	54 30 46 1	0	1	0	0 0	6.22 5.72	1 • 02	2.10 1.85	20	T 0.0	0		10	4	4
ATESVILLE LIVESTOCK ATESVILLE L AND 0 NO 1 LYTHEVILLE RINKLEY AMDEN 1	AM	82.0 83.1 82.1 84.6	55 • 4 57 • 6 62 • 6 60 • 4	68.7 70.4 72.4 72.5	2 • 2 2 • 5	91 92 91 93	6	43 1 43 1 51 29 46 1	8 5	2	0	0 0	5.62 5.78 4.74 8.23	0.85 1.15 2.84	1 • 75 2 • 14 2 • 11 3 • 60	21 26	0.0	0 0 0		8 8 7 7	3	4
ORNING ROSSETT 7 S LUMMINS FARM JUES ARC JUMAS 1 1 L OORADO CAA AP OORDYCE 6 W JULIE ENA JONESBORO EO LAGNOLIA 3 N MARIANNA 2 S JARKEO TREE JONTICELLO 3 S JEWPORT	AM AM AM AM AM	81.3 86.3 83.5 83.5 85.7 85.3 86.0 81.9 83.8 83.7 84.3 83.7	60.6 60.9 62.7M 60.2 62.1 62.4 61.9 63.5 61.1 60.8 61.9 61.5 60.8 61.2M	71.0 73.6 73.1M 71.9 73.9 74.0 73.6 74.8 71.5 72.3 73.8 72.9 72.3 73.8	2.6 2.2 2.5 2.4 2.3 4.1 1.8 1.9 2.3 3.1	90 90 90 91 93 92 95 90 91 91 93	25 25 8 7 25 25 6+ 26	50 1 50 30+ 52 1 49 1 51 30 50 30 54 1+ 52 1 50 1 49 30 52 1 49 30 52 1 53 1+ 48 30 54 2+	22	3 1 3 7 5 4 5 1 5 2 3 6 5			8.50 4.06 4.43 12.23 3.22 7.14 3.84 3.40 6.90 13.76 6.46 3.23 5.12 7.79 7.72	4.06 - 0.08 - 1.44 2.44 0.16 - 1.00 2.88 1.85 - 0.69 0.32	3 · 30 0 1 · 34 4 1 · 60 6 · 92 0 · 94 4 2 · 15 5 2 · 50 1 · 51 2 · 65 3 · 09	23 20 27 20 20 24 21 21 27 20 27 27 27 21	0.0 0.0 0.0 0.0 T 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000		8 9 6 8 5 5 7 4 111 7 6 5 7 6 7	3 3 4 3 5 3 2 5 4 3 2 3 4 3 4 3 4 4 3 4 4 3 4 4 4 3 4 4 4 3 4	343532543
ARAGOULO INE BLUFF INE BLUFF INE BLUFF CAA AP OCAHONTAS 1 RESCOTT AINT CHARLES EARCY TUTTGART TUTTGART TUTTGART ARREN ILSON YNNE	AM AM AM	81.9 84.9 84.2 82.2M 84.5 84.8 84.6 83.4 85.2 83.1 85.9 82.2	58.7 63.9M 62.0 58.6M 62.4 61.5 61.9 60.9 63.4 61.8 60.4 62.4 63.0M 60.6	70.3 74.4M 73.1 70.4M 73.5 73.2 73.3 72.2 74.3 72.5 70.3 74.2 72.6M 71.5	3.0 1.9 1.8 1.7 3.2 4.2 3.0 2.6 2.7 2.0	90 93 91 89 90 93 91 90 89 93	7 5 5 5 5 6 8 6 5 4 + 4 + 7 5 5 5	47 1 55 14 52 30 48 1 55 3 56 29 49 9 50 1 56 24 51 1 49 1 52 30		1 5 2 0 1 3 2 0 2 2 0 2 3 3	000000000000000000000000000000000000000		7.62 4.19 6.64 7.74 6.40 7.32 2.49 6.47 5.76 3.68 7.75 6.56 4.92 8.54	3 • 43	2 · 7 6 2 · 1 5 4 · 4 8 1 · 7 4 2 · 0 0 1 · 9 3 2 · 9 0 3 · 1 8 1 · 1 9 4 · 3 2 2 · 4 5 4 · 1 3	21 20 21 24 20 21 24 20 21 27 21 21 21 21 21 21 22 21 27 21 21 27 21 21 21 27 27 27 27 27 27 27 27 27 27 27 27 27	0.0			7 8 10 8 10 11 5 7 6 8 9 6 4 5	3 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1
OIVISION				72 • 6	2 • 2								6.27	1.87			Т					
STATE				71.6	2.2								6.37	1.50			j .					

DAILY PRECIPITATION

Table 3	77										1	Day o	i mon	th														
Station	Total	2	3	4	6	7	8	9 10	0 1	1 12		1			16 17	18	3 1	9 20	2	22	23	24	25	26	27	28	29 3	30
BOTT	7.06				g 4s 4s			1	33	21								. 4	6 .51 8 2.42 5 .45							.56		
M FORK	7.85 5.81 8.02				.10	Т	.33			07 .		10			e T		8U 31		1 7.08			T +1	T		. 25	.15	.79	
OINE	7.01						+85			.55 + .59 T	~ o					15		.20 L.1	1.34			. 22			. 5 d		.5-	
LIN 1 W KAOELPHIA KANSAS CITY	6.12 6.22 7.+1				.17		•75	Т		.45 .	15				T	10 T		. 30				.75			0 0	• 2	- 1	
HO OWN	6.25				.13		1.3C			70 .1	05 .	04	T			26		.27	5 +15		. "	. 40			2.31	Ť	.51	
THENS JGUSTA NLO KNOB	9.04				T	T	•35 •52			.26 ·	75 I				т			.37 .8	8 3 6 6	Т	.03				3.27 1.84 .06	.26	.48	
TESVILLE LIVESTOC TESVILLE L AND D NO 1	5.62					T	.16			.32 .		0	T	0.6					3 2 - 14			+ 0 Z ₁			e de de	T	0	
ATY LAKE AVER	5.21 7.49				T	. 38	.10	Т .	53	. 68 .		28 76							U 2.00	. 01	T . 1	• 40		.03	1.28	.69	.93	
ECH GROVE EDEVILLE NTON	6.84 6.77 7.87				Т	.46	.64		26		93	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Т			.15	3 1.9			.07			2.50 3.90	.41	.52	
NTONVILLE G FORK	6.24				.02	.48	.17				22 .									.03		. 32			.7	• 73	. V	
G LAKE OUTLET	7.54				Ŧ		1.65	,	10	Г . .94 .	82 · 67 ·	70 32	UZ		+ U1+				9 1.6			.00	. 71		.05	. Z4	. 17	
AKELY MOUNTAIN AM	9.87				.39		د 1 .	.02			30							1.1	13 .1	.32		1 • 28			. 40 40		. (0	
YTHEVILLE	4.74 4.17				.85	.0.	.08 .38 .11			.05 .	21	09					. 48		18 .0		.10	.03			.06	. 0	.29 .38	
RAOFORD	7.41						.54		18		58 .	12							7 2.7	1					1.97			
INKLEY FFALO TOWER ROETTE	6.82				. 42		.23				33 e 84	36					Î		77 1 • 2 30 1 • 2 28 • 5	3 .43	.05	.05	*12		1.20	1.20	.20	
BOT 4 SW	9.38				.09		1.00			.36 .	21	39	Т						1.8	.28	7				.72	• 0 9	.46	
AMDEN 1	6.79				. 92	-	.29	-		.28 1		03	-							- 8 •2·	-	Ť	-	.15	- -75 7-44	.01		
RLISLE 1 SW ARENJON	11.81 5.69 6.52				. 40	.02	1.00 .11 1.03	T .	1	.01 .	60	1		00			. 04	.20	. 7		.03	. 0		.20	7+44 2+57 T	.18	. 0	
ARKSVILLE INTON	7.75						.60			.89	34		. 80 .	0.6					74 2 . 3	В		. 15		1. 8	.92		.80	
DLD SPRINGS DNWAY DRNING	4.59 6.95 8.50				.02	2	.15 .71 .35			.33 .	33 61 1							2.	3.3			• 23			7.83	. 30	. 0	
OTTER	5.15						. 31				17	23				,24				7 1.02		. 04	.09		2.12		.45	
OVE ROSSETT 7 S RYSTAL VALLEY	4.06 9.50				Ť		T 1.43				16			06		. 3	.00	*47 * 1.	42 .5 18 60 1.0	l Y	1.34 .15 .23	. 69			4.05	. 43	T	
MMINS FARM	6.28						•20 •12				23						. 25	1.	25 .9			. 5			2.63		.45	
AMASCUS ANVILLE	6.63 7.03				.1		1.76 .19 .89			.37	.05	02 14 13					.40	.16 .	54 1.6 44 2.1 41 1.8	1 .01	.02	T			2.78		.50 .20 .33	
RDANELLE QUEEN RMOTT	6.16 5.54 5.52				. U		• 48				.62	.17	•05			.18		l.	40 .2	0 T	.00	3.18			1.43	.30	.10	
ES ARC EVILS KNOB	12.23				140	. 42	•60			.68 .	.59 .	25						1.	37 2.5 24 .9	4 .31	T	.04			6.92	. 20	.00 .21	
JMAS 1 AGLE GAP	3.22						-04	Ţ			. 75 	-			_ ·	.02	.07		94 .4	0 -	1.03	.38 -		-	-	.07	-	
L DORAGO CAA AP UREKA SPRINGS	7.14				. 2	5	•01 T		• 7			.01		r				3.	04 .7	9		.24		1.57		. 52		
VENING SHADE AYETTEVILLE AYETTEVILLE CAA AP	7.94 6.94 7.29				1.3		.50 .17		.14	.16	.08 .41 .23	.09 T		.03		T • 0 3		.33 1.	40 .2	6	T .63	• 22		1.37		1.03		
AVETTEVILLE EXP STA	6.51				1.0	4	.16		.14	.13		. 0 l						.03 1.	20 .4	4 .22	Ť	•17 •10	.32	1.50		. 93		
IPPIN CAA AP DROYCE 6 W DRESTER 4 WNW	5.13 3.84 5.54				.3	6 7	.08			.10	.03					.06		.20 .	32 1.0	8	.05	.01		2.13	1.95	. 32	.52	
ORT SMITH W8 AP R/ F SMITH WATER PLANT	6.59			• 2 /	.7	8 .05	.19		-36		.74	Т						*46 11	3.2			. 13			1.46			
OUNTAIN HILL ULTON	6.19		-	-	-	-	.78	- T	.20	.50	.05	.10	- ·			. = 0	.00		85 •5 33 1•6	2 .03 7 T	T	. 43	-	-	2.22	-	. 65	
ORGETOWN LUBERT LENWOOO	7.67 7.11 9.52				.34 1.3	0 .1	7 +05		120	.45 .30 l	.39	. 24				.06	.64	1.	45 2.4 65 2.	0 .15		•06 •06			1.40		.60	
RANNIS	5 • 68				. 1	5 T	.04 .12			+17		.06 .09				.01	.02	. 11	84 . 7: 2:	3		. 96			2.69		.47	
RAVELLY RAVETTE REEN FOREST	5.85 5.91 7.71				.1	7 .3	.25		.80 T	.48	.49	.33	ī					.02 1.	82 2.	.0 .0 .93 .5 .21		+ 25	07	.53	. 77	.44		
REEN MOUNTAIN REENBRIER	2.5				.0	. 2		1	. n			.18									1.					.47		
REENWOOD URDON	4.06 5.44 5.66				.3	5	+11	Î		.62	.58	.05				.05	. 07 T	. 15 1	71	33 .03	. 45	1 + 42			. 66		. 33	
AMPTON ARRISON	6.99	91				. >	0 .35		.60	.40		. 25						3.	27 1.	27	-12	т		. 45	1.65		.86	
EBER SPRINGS 3 NE ECTOR ELENA	5.73 6.08 3.40	3			T Ť	, 1 T			. 45	.30	.02	. 12			2			1	21 01 2. 25 1.	34 .03		• 11	.1:	•58	. 57	. 29	.36	
ENDERSON 2 W	6.70			1		. 2	0 , 4		•69	•30	. 31	. 30							4 1	2.5		. 9	9	. , ,	. 49			
IOPPER IORATIO	7.80	3				3	T 1.04	.04		.14	.21			. 80		.12 .49 .36	.01	.44	92 2 .	50	.05		7	2.44	2.95 1.57 2.75		.60	
OT SPRINGS OTTIG DAM NOEX	6.0	5			•37		+18					.05					.1	1.	40 .	32 .16		3 · 73			.40		.45	
ASPER	8.0	5			• (3 .2	8 .36			.24	. 65					.11			96 2.	35		*10 *09	3		.84	Т	.43	
ESSIEVILLE IONESBORO EO	7.3: 6.9: 13.7:	0)				12	1 .22	.01		.99	·19	.15	د0.	+ 0 ±			.10	.06 2	.22 1.	76 .50	.07	+10	J	.36	9.45 2.15	.35		
AKE CITY	7.8	6			Т		.36 T				.90	.51						1	.23 .	32 .05		Т		. 55	5.00		.56	
ANGLEY EAO HILL EE CREEK	7.1	9					.22	Т	• 20	.55	.85 .60	•02						. 14	.40 1.	87 .5		•16 •31			1.07			
EOLA	6.4					.1	.42				. 05							.05 1	.87 1		.03			5.30	3 .03			
.ITTLE ROCK FILTER PL	8.7	4			• (.1	.68			.10 1.14	.15							. 84 1	.98 1.	30 .3	75	. 44	ь т	1.1			. 35	
OUANN 2 SE URTON MAOISON	4.3 4.9 3.1	4			.07	•3	8 .12	.11		.57	.10	.05							.03 1.	52 -1					2.60		1.16	. 22
	6.4					86	.29 .21			.68	.20					1.19 T	.05	.13	.50 .	04 .l. 28 7 80 .i	.0.				3.03	.61	.04	
MAGNOLIA 3 N MALVERN	7.0	2									.62														. 74			

able 3- Continued																												_	МАУ	1955
Station	Total														nonth		- 62	10	10 00		00	00		05	00	on T	00	20	0.0	
			2 3	4	8	6	7	8	9	10	11	12	13	14	15	16	17	18		21	22		24	25	26	27	28		30	31
MARUBALL MARVELL MELBOURNE MENA MONTICELLO 3 S	7.19 7.19			-	- 30	.13	9	.18	-	-	.02	.47 .76 .25 .23	-	~	-	-	-	. 49	.08 1.41 2	. 49	.07	-	• 02 • 12 • 28	1.89	**	. 52 . 78 1.84	•11	.60	-	-
MOROBAY L AND D NO MORRILTON MOUNT IDA MOUNTAMAGAZINE MOUNTAIN HOME	3.87 5.02 7.47 6.24 5.03	٠		•15		T •03 •18	-09	.43 .27		+02	.60 .31 .41	.42 .12 .25 .09	*09 T				.10	•02	2.82 .67 .42 2	. 76 . 80	*		• 75 • 19 • 06	.34		1.65 2.73	5.01	•51 •51		
MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY NARROWS DAM NASHVILLE PEACH SUBSTA	5.70 8.72 7.66 8.19 6.58				+48	• 33	•02 •33	.28 .18 .51			.76 3.00 .60 .28 .32	.46 .11 .86 .65	.28 .91 .27 .08	•01	T •08	Т	14	. 02	1.38 1 1.20 1 .82 2 2.25 1 1.08	.31 .37 .50	T		.03 .14 .15 .82			•12 •78 1•51 2•55 1•33	.19	.04 .62 .06 .45		
NATHAN NEWHOPE NEWPORT NIMROO DAM ODELL	6.06 6.40 7.12 7.33 6.21					•32	.07 T	.26 1.19 .37		a 40.40	*15 1*00 *15	.59 .70 .09 .17	. 26			-61	.19	• 02 T	.91 1.00 .13 3.09 1.15 1 .46 1	. 40	.04 .60 .04	.16 .04	. 62			2.37 3.20 2.13 1.92 1.35		.30 .50 .64		
ODEN OKAY OSCEOLA OWENSVILLE OZARK	6.66 5.75 4.99 110.18					.07 .36	.03	.20 .88 .30	.37	.70	•28 •55 •09	*12 T *53	T • 27			. 51		.04 T	.20 .75	.51 .23 .97	•14 T	•19	.16 .53		.49 .79	2.70 .19 2.25 6.80 .12		.76 .09 .45 .07		
PARAGOULD PARIS PARKIN PERRYVILLE PINE BLUFF	7.62 7.43 7.41 4.77 4.19				1.24	.61	.61 .24	.31 .26 T		.67	.20 .61 .63	.36 .11 .49	.06 .16					.10	.26 2 .36 3.45 .11 1 .50 T .23 2	.36	.03 .17		.08 .02 .03		.10	2.27 3.90 2.19	1.31 .28	.47 T		
FINE BLUFF CAA AP FINE RIDGE FOCAHONTAS 1 FORTLAND PRESCOTT	6.64 7.06 7.74 6.40 7.32					.15 1.13 .20 T	.68 .28	.21	.04		.01 .19 .98	.11 .23 1.12 .60	. 74 . 45 . 23				.24 .13 T	.28	.03 4.48 .62 .06 1 .41 1	.7-	.90 .18 .25	.48	• 01 • 52 • 02 • 00 • 45	1.00		.12 2.80 1.34 T	T . 02	.85 .16 .05		
ATCLIFF ISON OGERS USSELLVILLE SAINT CHARLES	4.43 3.47 6.90 5.41 2.49				.65	.23 .30 .12	.28	.20 .05 .66		·40	.22 .39	.96 .09 .06 .51						.07	.45 2 .67 1 .17 2.49 .03 1.01 T .11 1	. 49	.26 .51 T	Т	.50 .72	•02	.84	T 1.79 .54	.18 .62 .37	.01		
DAINT FRANCIS SALEM SEARCY SHERIDAN TOWER SHIRLEY	4.93 6.96 6.47 7.85 6.72					•10 •82	•52 •01	.45 .51 .30 .42		• 10	.52 .82 .20		1.37 .22	.16 .20			•31	.60	.22 2.91 .44 1 .15 .90 .63 1	. 60	.01	.10		.05	.69	1.07 2.90 4.94 .89	. 44 T	.50 .19 .25 .69		
SILOAM SPRINGS SPARKMAN 4 E STAMPS STAR CITY 2 S STEVE	6.72 6.76 5.92 3.18 8.61					*06 3.10	.18 1.40 .15	.60 1.38 .18	.07	•18	.50	•21 •52	. 26				.04	.20	1.24 1 .30 1.12 1.34 .22 1 .90 1	.30 .56	.39 .04 .16		•43 1•02 1•59 •87			.62 1.70 .11 2.30	. 97	• 72 • 27		
TUTTGART TUTTGART 9 ESE TUBIACO SUGAR GROVE TAYLOR	5.76 3.68 6.11 4.13 6.43				• 02	.36 .18	•19 •30	.84 .39 .23	.01	.13	.04 .38 .03	.31 .06 .39					.78	.03		.76	.04 .07		.12 .09 .03	.06	.19	1.10 .91 .63	.20	T •10		
TEXARKANA WB AP F/ TURNPIKE WALDRON WALNUT GROVE WALNUT RIDGE CAA AP	/ 4.73 6.02 1.48 10.26 7.75					.42 .30		.60 .21 1.53		1.50	.15 1.12 .11 .86 1.65	.15 .99 .88 1.08	+20	•01	T T	• 30 T T	. 02 T		1.88	•18 •09 T •34 •52		.18 T	•51 T •12 •08		1.11 .28 .17 1.10 1.51	.14	*10 *77 T *31 *14	Т		
WARREN WASHITA WHITE ROCK WHITECLIFFS WILSON	6.56 6.70 8.90 6.85 4.92			.50		.17		.40 1.10			.39 T		T .02 .20 1.37				•20 T	•03	.22 4.32 2.00 .67 3		*10 *46	1.22	.35 .60 .18		.50	2.50 2.04 .95 2.45	1.18	.50	. 35	
AETTAITTE MANNE	8.54							.02		.30		.80							2.95	1.34	.04 .12		.07			4.13	•19			

FLOODS

Torrential rains occurred over central and east central Arkansas on the night of May 26th. Water damage in the Little Rock area was estimated at \$1,000,000. The rains caused overflows of the Saline River at Benton and the Ouachita River at Arkadelphia on the 27th and 28th, which resulted in the loss of the use of the bottom lands for agricultural purposes.

Lucius W. Dye

Table 5									D	AI	LY	TI	EM	PE	RA	T	UF	RES	3													Mu	
Station															E	ay	10	Mon	h										_				erage
	_	1	2	3	4	5	6	7	7	9	10	11	12			-		17		19						25				29	30	31	Av
ALUM FORK	XAM N1M	36 58	8.1 5.4	59	89 59		0	84		81 58	64	78 6	81 61	57	63 57	55	82				7.					12		0		. 2		-,4	
ARKAOELPHIA	XAM MIM	91 58	90 55	58	95	94 65	04	C .	134	2.0	0.3	82 69	83 65	6'	86	60	85				76	'6 '.	3-	6		1.(í	1		8		1	7 .
ASHDOWN	XAM NIM	88 58	90	6 > 5	87 63	62	88 64	90	A7 	54		81	80	87 67		84																	
BALD KNOB	MAX M1N	84 46	95	87 52	86 57	6.0	3 58	88 55	0				63	6	78 62	73						ч											7
BATESVILLE LIVESTOCK	MAX	85 43	84 47	85 50	87 55	5.5 5.9	91 52	76 51		79 T	1	87	72 6 \	81		75 5 7	74				8 1												
BATESVILLE L AND D NO 1	MAX MIN	83 43	85 45	88	8 9	89 61	8 54)T 94		53	B6		82 62	61								7											
BENTON	MAX MIN	86 52	86 50	86 53	86 56	92	82 57	89 57	78 61	83 57		81 63	82 63	85	80	7.5 5.4	1	c	0	6				-7									-:
BENTONVILLE	MAX	87	87 61	86 55	88 58	84	74 60	87 5.8	76 53	80	7 b	72 00	76,		73 54							٩,											
8LYTHEVILLE	XAM M1M	83 55	85 59	89	89	90 65	91 60	83	90	78 50	85 5+	88 67		10			-																:
BOONEVILLE	MAX MIN	89	92 62	90	91 59	94	81	90	86 60	80	81	79 64	8 <i>2</i> 63	82 58	82 55	81 53		cl ni	11			7				2							
BRINKLEY	MAX	88		87 56	87	93	88 56	90	87 54	88	8 7 56	88	83	85		B1																	
CAMDEN 1	MAX MIN																																
CAMP CHAFFEE	MAX	97	89		90 58	90	85	90	86	82	81	71	7.	81		54						-											
CLARKSVILLE	MAX	86 56	88		90	93	83	89	84	83	83	78 63	8	60				-															
CONWAY	MAX	86		88	89	92	88	90	85	83	85	79	9	813	I JEL	7	45	Cg.									1						
CORNING	MAX	80	85	90	90	90	88	87	90	73				63																			
CROSSETT 7 S	MAX	86	90	87	88	90	87	89	86	89	87	87 60	85	88						000	;		10	33									
CUMMINS FARM	MIN	84	51 87	8.8	56 86	90	83	86	86	88	84	85	86	86	81																		
DARDANELLE	MIN	52 87		89	90	94	85	91	88	84	63	80		81				9 -		10.1					0.1	6							
DE OUEEN	MIN	58			65 88		87	92	51 86	83	68 83	81	82	90	88	66		67	- 4s - 4s	-	16								4.	-	-		
OES ARC	MIM	67	67 85	- 1	61	62 88	91	80	61 90		65 85	66 85		58	82	19		53			11	-	7	-		67		1 19					
DEVILS KNOB	MIN	82		5 4 8 2	62 86	67 89	77	57 84	60 78	56 75	77	74	7			7	75	n1	76	7.4	67				0		71			71	74	7;	16,
DUMAS 1	MIN	58	62		63 89	66 93	55 83	60 91	5 1 8 1	5 8 9 2	90	90	8	87	53 82	78	82	84	S 1	5 G	81		84	88		64	17	8	33		76	11	85.
EL OORADO CAA AP	M1N MAX	52			61	90	86	59 90	65 87	89		84			60		57 85	65	6.4	82	67	76	63	62 82			7	0					85
EUREKA SPRINGS	MIN	57	55	57	60		63	58 87			64 76			68	72	73	75	0	62 78	74	5.		60	64	10			73		-			78
	MIN	62	64	60	65		59 76	60	53			62 73			57 75		>1 78	81		7 =	64	6 c 7 c	- 2								76		58
FAYETTEVILLE CAA AP	MIN	63	65	65	65	57	58	62	55	64	62	63 74	61	55	25	54	51	6	02	62	01	60	50						75				78
FAYETTEVILLE EXP STA	M1N MAX	57	57	62	58	54	59	57	55	64	75	61 73	59 76	51 74	50 74	4.8	77	53		61	1-2 1-7	0							1	10	76		
	MIN	58	64	62	64	54	57	59	54	63	62	61	61	54	53	51			1.0	€ 1	6.b			6:									7
FLIPPIN CAP AP	MAX	49	52	53	58	54	56	55	55	57	63	64	63	61	61	55	5.2				67			62		110	51	64	4.	10		-].	
FORDYCE 6 W	MAX	87 55	59	59	64	91 62	64	62	62	62	66	65	64	61	60	57	5.6	63			64			0.		10							
FORT SMITH W8 AP	MAX	61	62	63	62		63	61	62	63	66	64	63	60	5.5	5.8	28		04	64	26									76			
FT SMITH WATER PLANT	MAX	85 54	57	63	55	56	55	56	5.7	65	01	0.3	0.3	5 54	40 /	30																	
GILBERT	MAX MIN	86 48		87	55	56	56	51	55	5.5	61	64	60	58	58	5.7	1 40			1 '	77									La La		(4.)	7.2
GRANN IS	MAX MIN	84 58		81		87 62		58	61	60	64	64	63	56	57	57	57																
GRAVETTE	MAX M1N	86				85 53			80 52		62	60	51	54	5.3	5.2	10							6.					,				
GREEN MOUNTAIN	MAX		81						76 60	78		76 62									6			6		13.	- "	-		6,	6		6 '
HARRISON	MAX MIN					86 58	8 0 5 6		81			75 63			75 59	7 5 5 5				50	c	1											1 - 6
HELENA	MAX MIN											88	82	84	82 59	7 5	61	6.2	P) 60	6			16							6			4 / 3
HOPE 3 NE	MAX MIN		88		86		86		90			83			87		85	84															6

ARKANSAS MAY 1955

Table 5-Continued		T							D	AI	LY	_ T	EN	111					-			_										MAY	1955
Station																Day	Of	Mon	th							- ,			-	_			erage
		1	2	à	4	2	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
HOT SPRINGS	MAX	89 59	89 60	86 65	89 67	93 69	34 62	90 62	32 60	82 63	84 68	77 64	82 64	87 62	85 59	81 57	82 57	82 64	83 63	81 63	73 63	76 61	87 68		88 66	92 67		85 61		80 59	83 54	81 58	83.9 62.8
JONES80RO	MAX MIN	84 52	88 54	88 57	88 64	87 66	80	90	84 58	85 55	85 68	73 62	81 62	75 63	73 58	73 60	79 57	31 62	82 62	84 63	79 65	78 61	83 02		84 65	88 65		86 63	80 72	76 58	73 53	76 53	81.9 61.1
KEO	MAX	85 50	90 51	90 57	89	90 64	80 59	90 56	75 61	87 58	87 63	85 66	85 65	84 62	81 56	74 55	82 56	83 62	83	84 62	77 66	77 62	87 60	87 67	89 64	91 67		87 62	80 71	79 56	77 56	78	83.8
LEAO HILL	MAX MIN	88	88	89 52	93 55	83 50	75 55	91 55	80 53	83 57	75 62	75 64	81	70 60	75 63	75 54	81 53	82 54	82 56	81 54	72 63	77 63	84 56	85 61	83	87 53	83 63	89 62	80 65	71 50	78 44	50	81.2
LITTLE ROCK W8 AP	MAX	86	87	89	88	91 68	81	91 61	77 63	85	85 67	82 67	84	84	80	77 61	81	82	83	84 65	74 65	75 64	87 60	85 68	90	92 68	87 62	86	79 66	80 60	78 58	79 59	83.5
MAGNOLIA 3 N	MAX	86	89	87 58	86 62	89	87 62	90 57	87 63	88	85 64	84 64	85 64	88 58	88 61	85 60	85 57	81	83 61	80 66	81 65	75 58	88 62	87 65	89	91 71	89 71	87	87 73	80 54	87 49	82 5 7	85.7 61.9
MALVERN	MAX	88	90 52	88	87 59	93 62	86 61	90 61	80 62	84	84	84	84	86 61	90 59	85 57	84 52	84	84 63	83	79 65	76 62	87	85 67	90 65	92 67	90 73	87 64	82 70	82 60	82 50	80 55	85.4 61.3
MAMMOTH SPRING	MAX	86 44	88	91 49	94	88 53	76 54	90 50	79 55	81	82 62	70 61	80 62	71 60	74	66 60	82 53	82 58	8 2 5 8	81 58	75 62	77 63	85 58	88 59	84 62	86 54	84 69	89 63	80 65	7 Z 5 3	75 55	77 47	81.1
MARIANNA 2 S	MAX	82	85 54	89 59	90 59	89 63	91	82 58	89 62	79 57	88	89 60	89	80 63	82 56	81 53	75 58	84	85 62	85 69	88	82 62	77 63	83 66	87 65	85 68	91 73	88	83 74	81 58	78 55	75 58	84.3
MARKED TREE	MAX	81 53	85 54	89 57	90 61	90 65	9 2 5 9	83 58	91 60	78 56	87 59	88 66	82 63	83 64	77 59	74 60	75 57	82 60	84	87 62	87 68	75 62	78 63	82 66	90 66	85 65	93 67	88 63	86 64	80 58	78 54	75 53	83.7
MARSHALL	MAX	84 56	82	85 64	88	82 57	70 56	87 59	80 55	78 54	7 7	72 62	78 62	81 59	73 58	73 59	79 51	79 55	80	81 58	75 63	74 62	83 61	83 68	85 62	87 68	81 65	86 62	81 62	75 55	76 48	76 58	79.7 59.8
MENA	MAX	86 61	86	83	87	86 64	83	88	85 61	80	81	78 64	75 62	85 59	81	79 56	78 57	80	82	74	70 63	76 59	85 63	80 67	85 61	87	81 66	85	7 9	77 55	80 52	80 58	81.4
MONTICELLO 3 S	MAX	85 56	88	88	91 59	90	81	88	86 61	88	86	86 65	81	86 63	85 62	80	84	82 66	83 62	84	83 66	75 59	85 63	78 57	87 64	90 71	90 71	90 71	87 66	82 55	86 48		85.2 61.2
MORRILTON	MAX	85 54	87	87 58	89	92	88	90 57	83 61	80	85 65	78 63	83	82 62	82 56	76 57	82 56	84	83	80	75 64	79 64	88	85 66	87 65	91 64	85 65	87 64	82 68	78 58	8 0 5 4	79 56	83.6
MOUNT 1DA	MAX	86 52	85 52	87 54	84 58	88	90 62	88	89 63	81	83	82 62	79 60	81 59	86 54	83 52	79 51	81	79 55	82 59	72 64	71 59	77 57	87 63	79 64	90	90 68	83	87 74	83 52	80 47	80 52	83.0 58.9
MOUNT MAGAZINE	MAX MIN	77	80	78 62	82	83	76 57	82 62	54	73	72 62	70 59	71	68																	71 49	69	
MOUNTAIN HOME	MAX	85 50	86 53	87	91	85 58	74	90	80 54	82	79 63	75 63	- 78 62	72 60	73 58	7 o 5 9	80 52	81 58	82 59	82	73 60	76 64	82 57	86 61	84 59	84 56	82 66	86 63	81	72 53	77 51	75 52	80 • 3 57 • 9
MOUNTAIN HOME C OF ENG	MAX	85	84	86	86	92	86	75 53	90	79	82	77	70	78 60	71	73	71	82 57	81	82	80	66	74 58	84	85	85 56	84	82	86 67	81	69 51	80	80.2 58.2
NARROWS OAM	MAX	89	78 53	88	86	87	93	87	90	87	84	85 63	80	81	88	86	83	82	82	87	79	77	75	87 62	79 66	89	90	89	73	49	47	5.7	84.7
NASHVILLE PEACH SUBSTA	MAX	86	85	87 57	84	85 62	90	84 57	88 61	83	82	80	81	80 57	86	86	82	81	82	83	76 62	77	75 59	85	77	87	87	82	84	81	80	83	82.9
NEWPORT	MAX	87	90	91	90	92	79	92	84	86	87	77	84	79	77	77	84	86 63	88 62	87	74	79 60	87 64	90	89	94	89	88	83	79 55	78	79 58	84.7
NIMROD OAM	MAX	89	89 55	90	90 56	91 56	94	84 57	92	80	85	85 63	79 62	83 58	82	82	78 55	83	83	85	80 63	73 59	76 60	86 63	83	88	90 61	84 62	88 72	80 51	80 52	81	84.3
OKAY	MAX	89 59	89 59	87	86 64	90	87	92	87	85	82	82	82	90 58	88	83	84 58	82 65	84 67	81 67	80 62	77 60	87 62	86 67	89	90	88 69	87 66	85 70	83 55	83 52	82 58	85.4 61.6
OZARK	MAX	86 62	88	88	90	94	78	89	78 59	81	81	78 65	79	83 57	80 52	78 56	80	82	83	79 64	69 61	77 60	85 61	83 65	89	90	84	88 63	83	79 52	81 48	80 59	82.7
PARAGOULO	MAX	84	88	86	86 58	86	81	90	86 57	86	85	72 61	79	78 64	70	73	80 56	83	83	86	80	76 61	81 61	87 65	82	88	86 67	85 64	82 62	79 56	75 53	77 51	81.9
PAR1S	MAX	90	92	92	93	92	84	90	86	85	83	80	83	82	81	80	84	85	85 62	80	68	81	87	85 65	86 64	93	87 66	92	85 67	79 52	81	83	85.0
PERRYVILLE	MAX																								90	91	87	89	82	79 55	85	79	
PINE 8LUFF	MAX	88 55	88 56	90	89	93		91	84		8 7 66	86	86				81 60				79 67			86 66	90	92 70	89	86	82	82 58	79 55	81	84.9
PINE BLUFF CAA AP	MAX	85	87	88	87		81	89	78 64	88	87	86	86	86	81	78 61	84	85	82	85	81	75 63	86	86 67	87 65	91 70	86	85	83	81	75 52	80	84.2
POCAHONTAS 1	MAX	84	86	88	88 56	89 59	84	85 56		82	63 84 65	79	79	78 60	74	71	81 56	83	84	81	64	79 62	81 58	88	86	88		85	83	80	75 52	77	82.2 58.6
PORTLANO	MAX	87	86 56	- 14	89	88			87 63		89	85	84	86	85	84	80		80	80	83	83	72 62	85 65	83	85 65	87 72	87	86 72	85 64		78 56	84.5
PRESCOTT	MAX	90	87 57	92	88	90	92	88 58	93	85	88	65 83 64	83	65 83 60	90	86 62		84	83	85	76 64	77	74	88	80	89	90	85 71	80 71	75 56	82	82	84.8
ROGERS	MAX	84	85 63	85	84	79 60	74	84	76 55	77	75 63	70	73	70	72 57	72	75 54	78 57	76	73	63	72 62	78	78 63	75 57	78 57	76 60	84	80 62	76 52	72 48	78	76.5 58.8
RUSSELLVILLE	MAX	85 55	87	87	90	92	88	90	85	85	84	80	84	81	81	77	82	84	84	81	73	79	86	83	86	92	89	89	85	77	79	80	84.0
SAINT CHARLES	MAX	84	56 86 55	57 89 63	62 89 64	88	91	57 81	90	64 79 49	65 89	65 88	63 88	80	56 85	57 81	73	84	87	86	62 87	63 80	77	65 85	66 89	86	90		82	83 57	50 80 54	54 78 55	60 · 8 84 · 6 61 · 9
SEARCY	MAX	84	86	88	87	90	63 85	88	86	83	86	80	82	81	77	75	81	51 82	83	85	67 75	63 78	86	66 88	65 86	90	72 89	65 86	83	80	78	77	83.4
SHERIOAN TOWER	MAX	50 87	53	56 87	87	92	81	90	85	86	85	83	82	86	58 81	78	58	83	81	81	80	80	81	80	90	91	90	91	90	86	80	79	84.7
SILOAM SPRINGS	MIN	51 85	52 84	51 84	59 85	63 89	83	58 77	88	78	78	73	75	74	56 75	53 75	75	78	57	59 77	76	66	61	59 82	59 81	79	80		63 85	76		77	78 • 4
STUTTGART	MIN	87			89	91		91		87	62 87		5 9 86	83	50 85	76		55 87	84	61 87		59 76	56 86	59 87	54 87	56 91	61 87		59 82		43 79	52 81	56 • 2 85 • 2
	MIN	68	56	60	64	66	65	60	61	65	68	66	63	60	63	59		63	65	65	65	63		67	62	71	73	65	73	57	56	57	63 • 4

Table 5-Continued									D	Al	LY	T	EN	1P	ER	AT	'UI	RE	S														JN 9 1
Static																Day	10	Mon	th														age
Statio		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	2	95	23	24	25	26	1.7	3	29	30	31	Aver
TUTTGA T 3 -	MAX MIN	83	84	86 59	89	87	40	80 58	88	77 58	84	86 62	85	82	85 59	81	44	8	* **	13	. 1				6	86			77	۴.		• 7	B1.
UBTACI					0				83 59	85 63	82	80	81	82 62	82 55	82 57	3				1	3/4		1	-		٠.,		1				61.
XARKA	MAX MIN	A7	84	8 64	35					0	5 57	81	83	88	86 63	8.							1				-				-	, k	
U'NP1k+	MIX																																
AL , ON	MAX		89	8∈ 9	92 58		40	88	9		82	80	83	e , 56	# O	82 52							4		· L	1				12		. 4	44
ALNUT R: E	MAX	45	86		87 62	F 2	7.8	94	75 5	82 54	83	69	80 64	72 52	70 62				.,	::			3	6	10	0-	To-	80	10			76	F0
ARRE'.	MAX MIN	± 4 5 d	88		87 50	3		88	83	89	87	89 64	89 05	89		8 1				0			Ľ,	80	89 51		8 -	57	H Y	Ţ.		54	62
HITE ROC+	MAX MIN																															3	
tuso v	94x 911	86	89 59	89	91 65	95 61	83 57	85	78 61	85 56	85	78 67	78 64	74 56	74	75	8	15-		36							1,		11	79			
YNE	MAX M1N	i in	47		87		79 57	89	74 60	85 57	84	12	82 64	77 63	19	73					0	-	-	-:	ľ.	1	85			1.7			h2

EVAPORATION AND WIND

																	Day o	f moi	ath														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	7	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLAKELY MOUNT UNDAM	FVAP		~	.27	.29 82	.26	.33	*	*	.75 10 i	· 4 5-	.19	. 7 38	. 2 _ 1			. 77 152	. E 3.7	. 17	. 8 58	?	3	*	. 3	. y 6_	.19	.33	-1	9	ě			.598
HOPE	EVAP	*	. 37	.36	.22	·: 11	10	. 19	. 28	.34	. 13		. 39	.3/	.22	*	.38	. 2ē 16	. 5	.19	-3	.33	-	-	-	. LS	.21	15		4	.4-	.23	+.55 644
MOUNTAIN HOME C 0 ENG	EVAP WIND	. 24	9	.25	.30	.26	. 20	.09	.28	.24	.15	.16	.117	-14 26	.13		.13	.19	. 24	.28	.29	. 18	·1.	.19	· ∠=	.24	. 27		. 32	.19	. zL 6v	.19	6.17
NARROWS DAM	EVAP	.27	. 27	. 20	. 27	. 22	.22	.26	. 24	.25	.16	.16	13 25	. 26		. 22		.14	.15	.15	35	23	. 8	. 20			. 23	7=		13	- 56	- 2 n	6.13
WIMROD DAM	EVAP	.29	. 26	. 31	. 33	.21	. 23	.15	.36	.22	.16	2 79	.10	. 26		. 23	15	.19	.13	. 26	.14	- 5	.15	.19	.10	21 35	. 26 53	59	74	177	49	-	6.70
RUSSELLVILLE	EVAP WIND	.24	. 26	.28	.15	.29	.20	. 19	. 24	.18	. 10	.15	.21	.21		. 13	.19	.16	.13	.14	.06	.06 1J	.19	.13	. 22	.20	.20	.27	. 21	. 23 50	.23	.30	5.9B 515
STUTTGART 9 ESE				_	24			24	24	16								.13					.16	.27				. 37			. 26	.16	5.21

Station	ON County	Drainage † Latitude	Longitude	va	Me CO	Observer	Rofe to table		Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Obs vatio	on	Observer	Refer to tables
Abbott Alicia Alum Fork Aly	0006 Scott 0064 Lawrence 0130 Saline 0136 Yell	1 35 04 7 35 54 1 34 48 3 34 47 3 34 17	94 12 6 91 05 2 92 52 7	524 256 755 SI	7A Jamen 7A Ruhy 5P L. R. 7A Gurn	V. Williams B. Owons Water Works 8. Suniw	3 3 2 3 5 3	000	Lurton Madison Mngnolia 3 N Magnolia 5 N	4528 4548 4550	Nerton St. Francis Columbia Columbia	5 3	5 46 5 00 3 19 3 20 4 23		2007 215 315 360 311	11	7A E	Loln I. Dollar Paul L. Smith Earl E. Graham Ark. Pwr & Lgt Co. Malvern Fire Dept.	3 3 2 3 5 7 2 3 5
Amity 3 NE Antoine Aplin 1 W Appleton Arkadelphia	0178 Pike 0188 Perry 0196 Pope 0220 Clark	3 34 02 1 34 58 1 35 25	93 25 2 93 00 4 92 53 5 93 03 2	285 100 522 200 61	8A Drew 7A Hobar MID John 6P Rills	Alta F. Garbor A. Lanh t Watts A. Jones an E. Lawrence W. Tranmell	3 3 2 3 5	c c	Mammoth Spring Marianna 2 S Marked Tree Marshall Marvoll	4572 4638 4654 4666	Fulton Lee Poincett Senrcy Phillips	7 3 5 3 5 3 7 3	6 29 4 44 5 32 5 54 4 33	91 32 90 45 90 35 92 38	690 234 229 1050 195	98 8A 7A	7A .	John B. McKee Univ. of Arkansas William M. Crick Mrs. Minuie Borton Sterlin Wallace	2 3 5 7 2 3 5 7 2 3 5 7 2 3 5 7 2 3 5 7
Arkansns City Ashdown Athens Augusta Batesville Livestock	0234 Desha 0786 Little River 0300 Howard 6 22 Woodruff 0350 White 0458 Independence	4 33 40 4 34 19 7 35 17 7 35 18	94 08 3	129 21	7P South	western G & E D. Parker G. Griffiths of Arkansas of Arkaneas	2 3 5 3 5 2 3 5 2 3 5	c c	Maumee Welbourne Menn Monticello 3 S Wontroee	4696 4746 4756 4900	Searcy 1zard Polk Drew Ashley	7 3 7 3 3 3 3 3	6 03 6 04 4 35	92 39 91 54 94 15 91 48	749 610 1207 285 125	6P 5P	7A 1	Verne N. Davenport Ivan L. Shrader E. W. St. John Arkansas A & M Col. Ark. Pwr & Lgt Co.	3 2 3 5 7 0 2 3 5 7 0
Batesville L & D 1 Sear Creek Lake Seaty Lake Scaver Seobe	0460 Independence 0496 Lee 0512 St. Francis 0518 Carroll 0530 White	7 35 45	91 38 2 90 42 2 90 43 4 93 46 9	277 51 220 100 930	7A James MID U.S. 5P L. G. 7A B. E.	J. Mitchum Porest Service Adamson Skelton 1 E. Perkins	2 3 5	c c	Morobay Lock & Dam Morrilton Mount Ida Mount Magazine Wountain Mome	4934 4938 4988 5010	Calhous Cosway Mostgomery Logas Baxter	3 3 1 3 3 3 1 3	3 19 5 D7 4 33 5 10	92 27 92 45	85 280 663 2800 800	5P	7A 1	Corpe of Bugineers Emma S. Leavell William E. Black U.S. Forest Service B. H. Ralhert	3 (2 3 5 (2 3 5 (2 3 5 7)
Seech Grove Beedeville Senton Bentonville Berryville	0534 Greene 0536 Jackson 0582 Saline 0586 Benton 0616 Carroll	7 36 09 7 35 26 6 34 33	90 38 2 91 06 2 92 37 2 94 13 12	298 221 285 61 295 61	SA P. M.	Bammond Breckinridge Etta C. Burks L. Browne e R. McWethy	3 3 2 3 5 2 3 5	С	Mountain Home C. of E. Mountain View 1 W Mountainhurg 3 SSW Mulberry Narrows Dam	5046 5056 5072	Baxter Stone Crawford Franklin Pike	7 3 1 3 1 3	5 36	82 23 92 08 94 12 84 01 93 43	800 768 730 5D0 425	8A	8A (Corps of Engineere Mildred E. Ward CLOSED Benry G. Arvin Corps of Engineers	2 3 5 6 0 3 11/10/54 3 2 3 5 6 0
Big Flat Eig Fork Big Lake Cutlet Black Rock Blakely Mountain Dan	0662 Baxter 0664 Polk 0676 Mississippi 0746 Lawrence 0764 Garland	5 35 51 7 36 07	93 58 11 90 08 2 91 06 2	100	7A CLG 7A Anna 6p N. W. 7A Lee W	SED M. Lilee Douglns McKenney of Engineers	1/1/55 3 3 3 3 3	С	Nashwille Peach Substa, Nashwille SCS Nathan Newhope Newport	5114 5158 5174	Howard Boward Howard Pike Jackson	3 3 3	4 14	93 56 93 51 83 52 93 5D 91 17	550 373 550 850 225	7A	7A 1	Univ, of Arkansas Soil Cons. Service Edua J. Westfall Elsie F. Word Luther D. Bummers Jr	2 3 5
Blue Mouatain Dam Sluff City Blytheville Booneville Botkinburg	0798 Yell 0800 Nevada 0806 Mississippt 0830 Logan 0842 Vnn Buren	3 33 41 5 35 56	93 09 3 89 55 2 93 55 5	155 360 252 7/ 511 71	7A Paul 7A R. E. 7A Cleo	of Engineers M. Adams Blaylock E. Yandell s W. Pearson	3 2 3 5 2 3 5	7 C C	Nimrod Dam Norfork Dam Odeil Oden Okay	5228 5354 5358	Perry Baxter Washington Wontgomery Howard	1 3	5 48	93 10 82 15 94 24 93 48 93 53	470 425 1500 800 3D0	100	7A 1	Corps of Engineers Corps of Engineers Mrs. Renzo Burst Vera J. Gann J. T. Bargis	2 3 5 6
Boughton Bradford Brinkley Buffalo Tower Bull Shoals Dam	0848 Nevadn 0872 White 0936 Monroe 1010 Newton 1020 Baxter	7 35 25 7 34 54	91 10 2	205 51	5P Carl	Larue Kelley all Hickmon L. Riddell th F. Fowler of Engineers	3 3 2 3 5 3	7 C	Osceoln Owensville Ozark Paragould Paris	5488 5508 5562	Wississippi Saline Franklin Green Logon	3 3 1 3 5 3	4 37 5 29 6 04	89 58 92 49 93 5D 90 29 93 45	250 500 386 275	6P 4P SS	8A 6 6A 1 4P 1	Hawn A. Cowan Guy Cook Burns Wakefleld Radlo Station KDRS Fred J. Girard	3 3 2 3 5 7 2 3 5 2 3 5
Burdette Cabot 4 SW Calico Rock Canden 1 Canden 2	1052 Miesissippi 1102 Lonoke 1132 Izard 1152 Ouachita 1154 Ouachita	7 34 57 7 36 08	92 49 1	289 100 116 7/	7A Austi 7A John	Hale Wnlther n D. Harris W. Knight Z. Lehman	3 3 2 3 5	7 C	Parkin Parthenon Perryville Pine Bluff Pine Bluff CAA AP	5602 5694 5754	Cross Newton Perry Jefferson Jefferson	1 3 1 3 1 3	5 57 5 00 4 12	90 35 93 15 92 49 92 00 91 56	222 925 325 215 205	5P 7P	7A 1	Corine D. Gardner Arthur B. Carlton rancis Finkbeiner Mary T. Scheu U.S. Civil Aero Adm	3 2 S 5 · 2 3 5 2 3 5 7
Camp Chaffee Cannan Carlisle 1 SW Carpeater Dam Clareadon	1172 Sebastian 1188 Searcy 1224 Lonoke 1238 Garland 1442 Monroe	1 35 18 7 35 52 1 34 47 3 34 27 7 34 41	92 44 91 45 2 93 01	235	MID Frone 8A John MID Ark.	Army y Dell Rorton L. Tait Pwr & Sgt Co. Rorthorn	2 3 5	c	Pine Ridge Pocabontas 1 Portland Prescott Prescott SCS	5820 5866 5908	Mostgomery Randolph Achley Nevada Revada	7 3	6 16	93 54 80 58 81 30 93 23 83 23	840 330 122 318	5P 7A 7A	7A 7A 7A 7A	J. R. Buddleston Benedictine Sisters Mrs. Pearl Newton R. P. Ramby Soil Cons. Service	3 2 3 5 7 2 3 5 7 2 3 5 7
Clarksville Clinton Coid Springs Combs 3 SE Compton	1455 Johnson 1492 Van Burea 1520 Scott 1574 Hadison 1582 Newton	3 34 58 7 35 48	92 28 5	436 61 510 250 400 166	7A Earl 7A Marga WID Maudo	rving F. Beach B. Riddick ret Zornes C. Brashears aw L. Binam	2 3 5 3 3	CC	Pyatt Ratcliff Ravana Remmel Dam Rison	6008 6016 6102	Marion Logan Miller Rot Spring Cleveland	1 3 4 3 3 3	4 26	92 51 93 53 94 02 92 54 92 11	800 463 250 231		7A	Ona V. McLean Lulu M. Weeks Bonny L. Allen Ark. Pwr & Lgt Co. J. B. Ynney	3
Conway Corning Cotter Cove Crossett 7 S	1596 Faulkner 1632 Clay 1640 Baxter 1666 Polk 1730 Ashiey	1 35 05 7 36 24 7 36 17 4 34 26 3 33 02	90 35 2 92 31 4 94 25 10 91 56 1	308 51 293 7 440 050 175 51	7A Mrs. 7A Rober 7A Joe 0 5P U.S.	Laura Polk t T. Fleiding . Allen Forest Service	3 3 2 3 5	7 c	Rogers Russellville Spint Charles Saint Francis Searcy	6352 6376 6380	Benton Pope Arkansas Clay Whito	1 3 7 3 5 3	5 18 4 23 6 27	94 07 93 08 91 08 90 08 91 44	1387 360 200 300 245	5P 8A	5P 8A 7A	Howard Powler U.S. Forest Service Fish & Wildlife Serv William S. Buckley Adam C. Melton	2 3 5 7 2 3 5 6 2 3 5 3 2 3 5 7
Crystal Valley Cumnins Farm Daisy Damascus Danville	1750 Pulaski 1768 Lincoln 1814 Pike 1829 Faulkner 1834 Yell	1 34 42 1 34 08 3 34 14 1 35 22 1 35 03	93 45 6	350 176 61 629 705 370	7A Virds 6P Cummi 7A Rober 7A Willi 7A J. A.	Byrd ins Prison Farm t T. Teddor am A. Brown Moudy	3 2 3 5 3 3 3	C	Sheridan Tower Shirley Siloam Springs Smithville Sparkman 4 E	6586 6624 6698	Grant Van Buren Benton Lawrence Dnllas	7 3	6 11 6 D5	92 21 92 17 94 33 91 18 92 48	290 60D 1150 450 260		7A 7A W1D	Ark. Forestry Comm. Maud M. Bradford John Brown Univ. A. R. Richardson Mre. Rachel Butler	2 3 5 7 3 2 3 5 3
Dardamelle De Queen Denver Dermott Des Arc	1838 Yell 1948 Sevier 1956 Boone 1960 Chlcot 1968 Prairie	7 36 23	94 21 4 93 18 10 91 26 1	420 5: 028 140	7A 0. To	chen Goodler licker Vasser ence E. Collins Wilson Rister		7 C	Stamps Star City 2 S Steve Steve Stuttgart Stuttgart 9 ESE	682D 6856 6918 6920	Lafayotte Lincoln Yell Arkansas Arkansas	3 3 1 3 1 3	3 54	93 19 91 32	270 392 682 214 188	6P 7A	7A 7A 7A	whort Baker Irk. Forestry Comm T. P. Sims George L. Clark Univ. of Arkansas	3 3 2 3 5 2 3 5 6
Devils Enob Dumas 1 Dumas 2 Durham Eagle Gap	1982 Johnson 2148 Desha 2150 Desha 2176 Washington 2204 Bcott	1 34 43	91 30 1 91 30 1 93 59 1 94 19 11	162 7: 165 243 150	MID Ark. MID Gold: 8A Waxin	est C. Campbell Johnson Pwr & Lgt Co. le B. Brink le E. Hooper	2 3 5	7 C C	Subiaco Bugar Grove Sugar Loaf Mountain Taylor Texarkana WB Airport	6940 6944 7038	Logan Logan Cleburne Columbia Willer	1 3 7 3 4 3	15 04 15 29 13 06	93 39 93 48 91 58 93 27 94 00	500 500 300 247 361		9A 7A	New Subinco Abbey O. R. Fennell GLOBED Idella O. Korwond U.S. Weather Hureau	2 3 5 5/25/54 3 2 3 5 7
EI Dorado CAA AP Eureka Springs Evening Bhade Fayetteville Fayetteville CAA AP	2300 Union 2356 Carroll 2366 Sharp 2442 Washington 2443 Washington	3 33 13 7 36 24 7 36 05 1 36 05 7 36 00	92 48 2 93 44 14 91 37 4 94 10 13 94 10 13	252 MII 465 61 490 370 71 253 MII	MID U.S. 6P Mabel 7A Ophn 7P Charl	Civil Aero Adm F. Sprny Wolfo lee F. Ford Civil Aaro Adm	2 3 5 2 3 5 3 2 3 5 2 3 5	7 7 C	Turmpike Viola Waldron Walbut Grove Walbut Ridge CAA AP	7450	Pope Fulton Scott Independence Lawrence	7 :	35 40 36 24 34 54 35 51 36 08	94 06 91 21	675	5P	7A 5P	U.S. Forest Service CLOSED William D. Bivens A. M. Fast U.S. Civil Aero Adm	3/16/55 2 3 5 7
Fayetteville Exp. Stn. Filippin CAA AP Fordyce 6 W Foreman Forester 4 WNW	2444 Washington 2528 Marion 2540 Dallas 2544 Little Rive 2556 Scott	7 36 06 7 36 18 3 33 49 4 33 43 1 34 47	94 24 4	700 M1 280 5 400	SP Joha	of Arkansas Clvil Aero Adm Yeager Le P. Callens L. L. Nelson	2 3 5 2 3 5 2 3 5 3	7 C	Warren Washita West Fork Wheeling White Rock	7592 7684 7744	Hradley Montgomery Mnsbington Fulton Franklin	3 3 7 3	6 18		206 610 1340 680 2285		7A M1D M1D	Warren Cotton 0:1 C Nora Lee Mnyberry Mrs. N. C. Threlkel Thomas W. Cone U.S. Forest Bervice	3
Forrest City Fort Smith WB Airport Fort Smith Water Plant Fountain Bill Fulton	2564 St. Francis 2574 Sebestlan 2578 Crawford 2598 Ashley 2670 Rempstead	1 35 39 3 33 21	90 47 94 22 94 09 91 50 93 48	175	6P Jethi	as A. Moore Weather Bureau . Schoeppe To R. Denson J. Logan	2 3 5 2 3 5 3 3	7 C	Whitecliffs Wilson Windrey Wing Wynne	7936 7950	Sovier Mississippi Crawford Yell Cross	1 1	33 48 35 34 35 44 34 57 35 13	90 02 84 06	290 237 1152 350 260		7A HID HID	L. M. Shead D. O. Anderson Clyde F. Meadors Milee B. Turber Wm. M. Courthey	2 3 5
Georgetown Gilhert Glemwood Grannis Gravelly	2760 White 2794 Searcy 2842 Pike 2908 Polk 2922 Yell	4 34 14	92 43 3	200 595 6 547 920 S 498	7A Daing	le E. Akers li Jordon y G. Vaught . McVay le Pendergrass	3 2 3 5 3 2 3 5 3	7 C	Yellville	8084	Marion	7 3	36 13 N1	92 41 EW STAT	760		7.A	Madge V. Doshier	3
Gravette Green Forest Green Mountain Greenbrier Greenwood	2930 Benton 2946 Carroll 2952 Stone 2962 Faulkner 2976 Sebastinn	7 36 20 7 36 02 1 35 14	94 28 1: 93 26 1: 92 12 1: 92 23 : 94 15	350 100 7 360	7A Obed 7A U.S. 8A Thomas	B. Schmidt B. Wilson Forest Service as E. Cantrell thy W. Been	3	7	† Beber Springs 3 NE Danwille SCS Salem	1835	Cleburne Yell Fulton	1 3	5 04	92 01 83 24 91 50	525 370 668		10	ester B. Logan oil Conservation So Jae. B. Caldwoll	3
Gurdon Bampton Bnrdy Barrison Beber Springs 3 6#	3074 Clark 3098 Calhoun 3132 Sharp 3164 Boone 3230 Cleburne	3 33 32 7 36 19 7 36 14	91 29 3	202 362	WID There	Cons. Service esa Donaldson Gray Beene	3 3 2 3 5	c											
Bector Releaa Wenderson 2 W Bope 3 NE Bopper	3235 Pope 3242 Phillips 3258 Baxter 3428 Bempstead 3438 Montgomery	7 36 22 4 33 43 3 34 22	90 35	555 200 6 580 375 8 700	7P Emil 7A Ceci	thy R.Spilehury Ley M. Friddell W. Bentzien I M. Bittie A. Shields	2 3 5 3 2 3 5 6 3 5 6	С											
Boratio Bot Springs 1 NNE Huntsville Huttig Dam Index	3442 Sevier 3466 Garland 3540 Madison 3556 Union 3584 Little Rive		93 03 93 44 1 92 05 94 03	337 630 453 60 300	P 5P Natl M1D May 1 8A Corp	abeth W. Frida; Park Service Pearl Markley s of Engineera . McDowell	2 3 5 3 3	7 C C											
Jasper Jessieville Jonesboro Keo Kingsland	3600 Newton 3704 Garland 3734 Craighead 3862 Lonoke 3904 Clevoland		93 04 90 42 92 00 92 16	214	7A Mrs. P 7A Bene P 7P R. A	ie D. Davie Velma M. Dunn dictine Sieter: . Wallor die W. Bunter	3 3 2 3 5 2 3 5	7 C											
Lake City Lamar 2 SW Langloy Lead Biil Lee Creek Guard Sta.	3998 Crnighead 4019 Johnson 4060 Pike 4106 Soone 4116 Crawford	1 35 26 3 34 19 7 36 24 1 35 42	90 26 93 25 93 51 92 54 84 19 1	550 786 710 7000	7A Mabe 7 PF. W	sa Bt. Clair b Exp. Station l F. Forrester . Kellogg Forest Service	3 2 3 5 3	С											
Leola #Little Rock WB Airport Little Rock Filt. Pl. Lost Corner Louann 2 SE	4134 Grant 4248 Pulaski 4250 Pulaski 4324 Popo 4332 Onion	3 34 10 1 34 44 1 34 46 7 35 34 3 33 22	92 19	512	MID U.S. MID L. R 7A Catb	. Rhodes Weather Bureau . Water Worke erine Russell a A. Bamiiton	2 3 5 3 3	7 C	† Continuatio	n of S	Bugar Loaf Mo	untai	n rec	ord.					

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers with-

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issue of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in 'F., precipitation and evaporation in inches, and wind movement in miles, Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending nt time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of Arkansas may be obtained by writing to nny Weather Bureau Office or to the State Climatologist nt Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; bowever, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 All Data based on observational day ending before noon.

 Adjusted to a full month.

 Data for recorded stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 Once more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

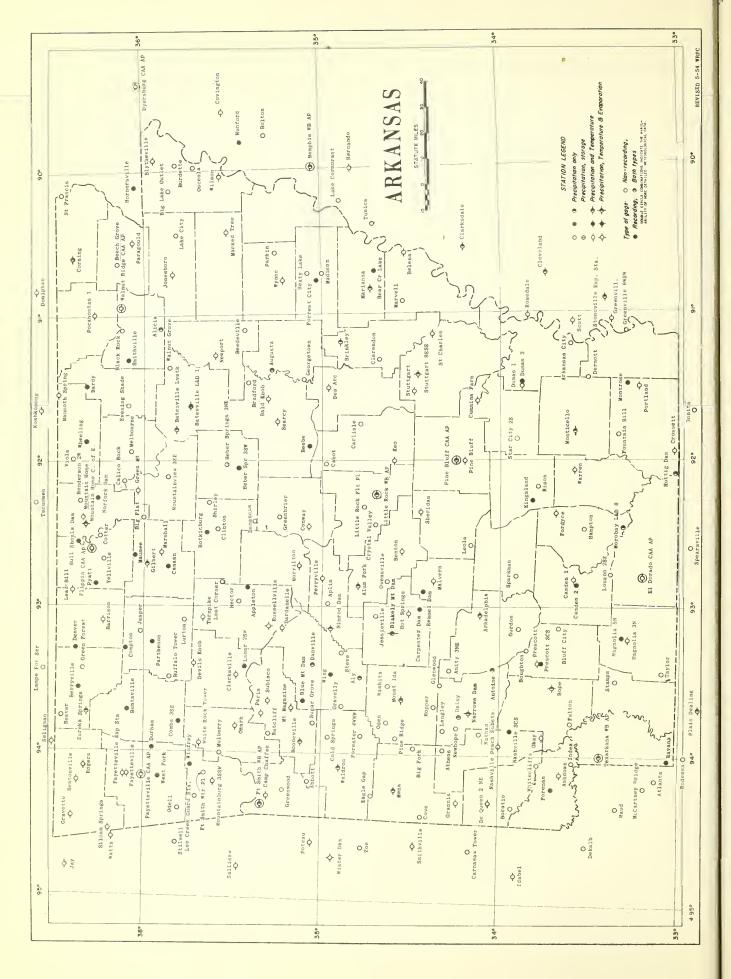
 Trace, an amount too small to measure.

 Vincludes total for previous month.

 So This entry in time of observation column in Station Index means observation made near sunset.

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NWRC, ASHEVILLE, N. C. -- 7-13-55 -- 1005



CITICOLIC RALL TO ENTRICE DEPARTMENT

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

JUNE 1955 Volume LX No. 6



ARKANSAS - JUNE 1955

WEATHER SUMMARY

June 1955 was the coolest June since 1912. Temperatures averaged 73.1°, the same as in 1912. Only June 1903, with an average temperature of 70.5°, was cooler. June 1955 averaged 10.3° colder than June 1953, the warmest of record. June of 1952 and of 1954 were also warm, ranking 4th and 10th among the previous Junes of record. Rainfall during 1955 averaged 3.65 inches or 91% of normal. In general, the month was favorable for crops although it was a little cool for cotton.

Temperatures averaged slightly above normal during the first few days. A cool period lasted from the 5th to the 20th. The last few days averaged only slightly cooler than normal. Most stations registered their lowest temperatures on the 7th, 8th, or during the period, 10th to 12th. In general, monthly minimum temperatures ranged from the middle and upper 40's over the north and west to the low 50's over the south and east. The coldest temperature registered during the month was 44° at Gilbert on the 8th. El Dorado and Portland had the highest minimums, 55°. Almost all stations registered their highest temperatures during the last ten days of the month. Monthly maximums ranged from 84° at Turnpike and Mt. Magazine on the 21st to 99° at Camden on the 22d and 23d. Monthly mean temperatures ranged from 67.0° at Mt. Magazine to 77.0° at Camden. Monthly mean temperatures for all stations were below normal. Monthly mean temperatures were 4° to 5° below normal at most northern stations and at many stations in the extreme south, and were 3° to 4° below normal for most other stations.

Showers were frequent from the 5th to 11th, 14th to 16th, and 20th to 30th. Substantial amounts fell on several days. For instance, 24-hour amounts of 2.00 inches or more were recorded on the 5th, 6th, 14th, 15th, 20th, 26th, 27th, and 28th. Amounts exceeding 3.00 inches were recorded on the 14th, 15th, and 27th. The greatest 24-hour amount was 3.47 inches recorded at Lee Creek on the morning of the 15th. Monthly totals ranged from 0.28 inch at Ashdown and at Louann to 10.50 inches at Gilbert. In general, most counties in the extreme northeast and most counties south of a line from Ft. Smith Water Plant to St. Charles received less than 3.00 inches and most stations elsewhere received more than 3.00 inches. Monthly totals exceeding 6.00 inches were common over many northwestern counties with several stations receiving more than 7.00 inches and a few stations receiving 8.00 inches or more of rain during June. Small amounts of hail fell at a number of stations.

Frequent and moderate to heavy showers delayed field operations at time during June and some fields were weedy during the first part of the month. Field work made good progress, however, during the fair-weather periods and by the end of June most fields were in a very good state of cultivation. Some cotton fields were infested with insect pests--boll weevils, boll worms, trips, and flea hoppers. Control measures were being applied to a few fields. At the end of June, most early corn was in the tasseling to roasting ear stage, sorghums and hay were doing well, winter oat harvest was complete in the south and well along in the north, rice and soybeans were making good progress, and pastures continued to furnish abundant grazing. Warm weather and adequate moisture promoted excellent growth of crops in most counties. Although the south and west central parts of Arkansas were not suffering, more rains would be helpful to crops and pastures in those areas.

STORMS

The following are among the more damaging storms that occurred during June: Early on the afternoon of the 10th, a hailstorm caused \$15,000 crop damage in Pope and Conway Counties, and \$20,000 damage in Cleburne County. At about 4:15 p.m. on the same day, a tornado caused \$250 property damage three miles northeast of Marked Tree, Poinsett County. On the afternoon of the 21st, lightning struck and destroyed a house at Coal Hill. The loss was estimated at \$5,000. Hail damaged corn, oats, beans, and tomatoes in the North White Oak area. The damage to crops was estimated at \$100,000. On the afternoon of the 23d, lightning destroyed two barns in Benton County causing an \$8,000 loss. About 1:00 p.m., on the 23d, a storm, which may have been a tornado, unroofed a barn near Verner and exposed 1,000 bushels of oats to rain damage. The loss was estimated at \$2,000. On the afternoon of the 27th, wind damaged crops in Clark County to the extent of \$1,000 and lightning destroyed a storage building at the Arkadelphia Airport causing a \$7,000 property loss. Also on the afternoon of the 27th, lightning injured a person near Conway and killed fourteen head of cattle near Cabot. The property loss was estimated at \$1,400.

The following table briefly summarizes the storm losses for the month:

Hail	\$135,000	
Wind	1,000	
Tornado	250	
Possible tornado	2,000	
Lightning	25,900	(and one person injured)

Lucius W. Dye

SUPPLEMENTAL DATA

ARKANSA JUNE 1955

	Wind	direction		Wind m.	speed p. h		Relat		idity ave			Numb	er of da	ays with					ped 1999
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	.2:30P CST	6130P CST	Trace	60 - 10	10-49	5099	1.00-1 99	2 00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
FORT SMITH W8 AIRPORT	E	21	8.1	26	SW	27	85	92	60	62	3	6	3		1	0	13	61	5.9
LITTLE ROCK W8 AIRPORT	E NE	10	8.4	30	W	10	79	82	53	57	2	5	2	2	1		12	60	5.9
TEXARKANA W8 AIRPORT	-	-	-	-	_	-	_	_	-	-	1	3	1	1	0	0	5	-	-

Table 1

COMPARATIVE DATA

	Т	em peratu	re	P	recipitatio	n		T	emperatu	re	Pr	recipitatio	on.		T	emperatu	re	Pı	recipitation	
Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average	
1891 1892 1893 1894 1895	77.9 76.9 76.3 76.6 76.9	103 103 99 106 100	56 40 49 42 47	3.71 3.87 5.20 1.39 5.94	.0		1916 1917 1918 1919 1920	75.4 75.2 80.5 76.9 74.7	99 105 110 101 101	43 37 49 45 42	5.15 4.87 3.55 5.11 3.41	.0		1941 1942 1943 1944 1945	76.2 77.2 79.8 79.2 75.2	103 104 102 102 98	47 45 47 48 43	4.01 4.54 2.86 3.04 9.20	.0	
1896 1897 1898 1899 1900	77.7 78.0 78.7 77.3 76.6	103 106 100 102 100	48 41 60 50 43	1.91 3.46 4.86 2.74 7.10	.0		1921 1922 1923 1924 1925	78.5 78.6 76.7 78.5 82.3	103 104 99 105 108	46 44 46 42 46	4.84 2.64 5.20 3.64 2.08	.0		1946 1947 1948 1949 1950	75.6 76.7 77.8 77.9 76.1	99 101 102 101 102	41 44 45 52 44	2.12 3.88 4.91 5.17 3.52	.0 .0 .0 T	
1901 1902 1903 1904 1905	79.4 77.5 <u>70.5</u> 75.3 77.9	110 105 99 99 104	41 42 37 50 44	1.44 5.27 2.53 7.14 5.90	.0		1926 1927 1928 1929 1930	76.6 76.3 73.5 76.2 76.4	104 104 100 102 107	42 43 40 41 39	2.60 6.50 9.44 3.68 0.87	.0		1951 1952 1953 1954 1955	75.9 82.1 83.4 79.6 73.1	103 109 108 107 99	49 49 51 40 44	6.93 0,49 0.63 1.28 3.65	T T T T	
1906 1907 1908 1909 1910	76.2 75.2 76.0 76.9 74.1	101 103 98 104 99	44 39 46 49 44	4.60 4.48 3.85 4.08 4.85	.0		1931 1932 1933 1934 1935	78.3 78.9 78.4 81.1 74.3	107 103 107 108 98	35 50 40 49 36	2.60 4.86 1.30 2.88 8.38	.0		ALL YEARS	77.3			3.99	Ţ	
1911 1912 1913 1914 1915	80.9 73.1 77.0 82.3 76.0	106 97 103 109 106	47 42 39 52 45	2.53 3.83 1.68 1.00 4.92	.0		1936 1937 1938 1939 1940	80.0 78.8 75.8 77.9 75.2	113 106 101 100 98	44 45 48 49 45	1.26 4.95 4.34 4.50 4.35	.0								

BEGINNING WITH 1955, AVERAGES HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

CLIMATOLOGICAL DATA

TABLE 2

				Ten	pera	ture										P	recip	itation				
				al					97	No	. of Da	ıys		le		^		Snow,	Sleet, I	Tail	No	of Days
Station	Аvетаде Махітит	Åverage Minimum	Average	Departure From Norm	Highest	Date	Lowest	Date	Degree Day	Man * Apo * ot	Below 32° or Balow	Min. Below	Total	Departure From Norm		Greatest Da	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More 1.00 or More
HIGHLAND DIVISION															Т							
ALUM FDRK ASHDDWN BENTON	85.0 89.1 84.8	60.7 62.9 59.4	72.9 76.0 72.1	- 3.4		22 23+ 21	51	10 11 11	5 2 6	17	0 0	0	2.68 0.28 4.23	- 2.0		·15	5	0.0	0		6 1 6	2 1 0 0
BENTONVILLE BOONEVILLE CAMP CHAFFEE	81.0 86.4 85.8	57.9 62.5 62.6	69.5 74.5 74.2	- 4.6	91 94 95	21 21+ 25	47 49 50	11 10 11	23 5 5	1 13 10	0 0	0	7.27 4.83 2.89	2 • 1	7 1	.15 .95	28 15 15	0.0	0 0		11 5 6	7 2 3 1 1 1
CLARKSVILLE CDNWAY DARDANELLE DE QUEEN	85.3 85.7 84.8 88.4	61.7 61.6 62.5 62.0	73.5 73.7 73.7 75.2	- 4.7 - 4.8 - 2.8		21	51	10 11 10	6 2 4 2	9	0 0 0	0	2.21 1.90 4.01 1.84	- 2.0 0.1 - 2.1	2 2	.90 .89 .26	15 15	0.0 0.0 0.0	0 0		6 5 5 2	1 0 1 0 3 1 2 1

ARKANSAS JUNE 1955

					Ten	pera	ture									P	recip	itation					
					al					80	No.	of Day	rs		al	×		Snow,	Sleet, F	lail	No.		Days
Station		ge	ge	Эе	ture Normal	st				e Days	Max.	М	in.		ture Normal	sst Day			c. Depth Ground		More	More	m
		Average Maximum	Average Minimum	Average	Departure From Norn	Highe	Date	Lowest	Date		Abova 32° or		O° or Bolow	Total	Departure From Non	Greatest	Date	Total	Max. I on Gr	Date	- t	.50 or	1.00 or More
DEVILS KNOB EUREKA SPRINGS FAYETTEVILLE CAA AP FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP FORT SMITH WA AP FORT SMITH WATER PLANT GIBERT GRANNIS GRAVETTE GREEN MOUNTAIN HAPRISON HOPE 3 NE HOT SPRINGS 1 NNE LEAO HILL LITTLE ROCK WA AP MAMMOTH SPRING MARSHALL MENA MOUNT IOA MOUNT IOA MOUNT IOA MOUNTAIN HOME C OF ENG WOUNTAIN HOME C OF ENG WARROWS OAM NASHVILLE PEACH SUBSTA NIMROD OAM DIAY DOZARK PARIS PERRYVILLE SIEDRAN TOWER SILOAM SPRINGS SUBSIACO TEXARKANA WA AP TURNPIKE WALORON WHITE ROCK	R // AM AM R // AM AM AM AM AM AM AM AM	77.0 80.2 81.3 80.8 81.2 82.6 85.8 83.7 83.8 81.5 82.7 82.0 86.4 86.0 82.6 87.2 74.8 81.5 84.7 84.2 74.8 84.2 74.8 84.2 74.8 85.4 86.0 80.8 85.4 86.0 87.1 84.2 74.8 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86	59.5 59.2 60.6 59.3 59.1 59.2 63.5 60.1M 57.6 60.8 57.9 60.5 58.2 64.5 61.8 57.8 57.8 58.7 62.2 62.5M 63.6 57.8 59.0 59.0 59.0 59.0 60.5 59.0 60.5 59.0 59.0 59.0 60.5 59.0 60.5 59.0 60.5 59.0 60.5 59.0 60.5 59.0 60.5 59.0 60.5 60.5 60.5 60.5 60.5 60.5 60.5 60	68.3 69.7 71.0 70.1 70.2 71.9 74.7 71.6 70.1 74.5 74.5 70.8 70.1 74.5 74.5 70.8 70.7 71.6 67.0 74.5 74.7 74.5 70.8 70.8 70.8 70.8 70.8 70.8 70.8 70.8	- 4.9 - 4.4 - 3.6 - 3.4 - 4.0 - 4.2 - 3.6 - 3.8 - 5.3 - 3.8 - 5.3 - 3.8 - 5.1 - 4.4 - 4.4 - 3.3 - 3.8 - 5.1 - 4.1 - 5.3 - 3.8 - 5.1 - 4.1 - 5.3	860 900 908 988 929 953 929 933 929 933 929 933 944 959 933 944 945 959 959 959 959 959 959 959 959	23 21 21 21 21 22 25 23 29 21 23 22 27 21 21 21 21 22 24 21 22 24 21 22 24 21 22 24 21 22 24 21 22 24 21 22 24 21 22 24 24 25 26 27 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	49 48 50 50 52 48 44 48 50 53 34 48 50 53 48 50 52 48 49 50 52 48 49 50 49 50 48 49 49 49 49 49 49 49 49 49 49 49 49 49	11 11 11 11 10+ 16+ 11 17 11 13 11 11 11 11 11 11 11 11 11 11 11	35 19 20 23 22 15 6 6 9 9 9 22 2 2 11 4 1 1 14 4 1 1 2 0 4 6 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1	0 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			4.94 7.80 5.25 6.34 6.25 7.89 2.15 2.08 10.50 1.60 4.02 9.04 10.75 2.29 8.20 3.84 2.50 0.219 7.81 1.79 4.35 3.02 2.48 7.29 8.41 3.311 0.55 2.38 8.20 3.45 2.38 4.76 3.45 3.10 3.45 3.45 3.10 3.45 3.45 3.45 3.45 3.45 3.45 3.45 3.45	2.15 1.58 - 2.16 6.84 - 3.27 - 1.56 6.00 - 2.99 3.37 0.41 - 2.03 3.30 - 3.19 0.31 - 1.16 2.79 - 2.18 - 1.84 2.64 0.54 - 0.69 - 2.36 - 2.50 - 2.552	2.08 3.34 1.43 2.25 1.52 2.21 1.15 2.55 1.01 1.12 2.00 0.60 2.10 0.50 0.50 2.28 1.10 1.10 1.10 1.10 1.10 1.10 1.10 1.1	5 5 15 10 14 24 15 26 27 6 6 28 15 15 15 15 15 15 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	0.0 0.0 T 0.0 0.0 T 0.0 0.0 0.0			8 9 12 9 14 9 2 11 9 2 11 9 1 2 3 5 5 5 7 7 8 5 7 7 11 6 3 3 3 2 7 7 6 4 4 1 3 1 1 0 7 2 2 9 4 9 9	3454351 8226661263315522315520303226323312221	131222410041114300001111344110000011121111100000
ORLTA OIVISION ARKAOELPHIA BALO KNOB BATESVILLE LIVESTOCK BATESVILLE L ANO O NO 1 SLYTHEVILLE BRINKLEY CAMOEN 1 CORNING CROSSETT 7 S CUMMINS FARM DES ARC DUMAS 1 EL OORADO CAA AP FOROYCE 6 W HELENA JONESBORO CEO WAGNOLIA 3 N MARIANNA 2 S MARKEO TREE MONTICELLO 3 S WEWPORT PARAGOULO PINE BLUFF PINE BLUFF PINE BLUFF POCAHONTAS 1 CORNING SEARCY STUTTGART STUTTGART STUTTGART STUTTGART STUTTGART STUTTGART VILSON WYNNE	AM A	87.6 83.9 83.6 84.7 83.0 85.9 90.5 88.3 88.2 88.2 87.5 88.2 87.5 88.2 84.2 84.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86	63.0 60.8 56.0 59.3 63.6 61.9 63.4 61.5 61.1 62.6 63.1 62.6 63.8 62.5 63.8 62.5 64.8 62.5 64.9 62.9 62.9 62.0 62.9 62.0 64.1 62.9 63.1 62.0 62.0 62.0 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 62.0 63.1 63.1 63.1 63.1 63.1 63.1 63.1 63.1	72.2 75.3 72.4 69.8 72.0 73.3 73.9 77.0 72.7 72.7 72.7 75.4 75.4 75.4 75.7 73.3	- 4.5 - 2.8 - 4.7 - 4.0 - 1.5 - 3.6 - 4.0 - 3.4 - 2.6 - 4.7 - 4.3 - 3.8 - 3.5 - 4.3 - 3.8 - 3.5 - 4.3 - 3.8 - 3.5 - 4.3 - 3.8 - 3.5 - 3.8 - 4.3 - 3.8 - 4.3 - 4.9 - 5.2 - 4.9 - 5.2 - 6.9 - 6.9 - 6.9 - 6.9 - 7.9 -	942 943 943 944 944 945 944 944 944 944 944 944 944	22 21 21 22+ 21 21+ 21 25 21+ 22	50 460 50 54 52 53 49 49 51 51 50 52 50 52 50 53 51 50 50 52 50 50 50 50 50 50 50 50 50 50 50 50 50	13 11 15 11 11+ 11+ 11 11 8 12 11 11	57 27 4 1 2 3 8 8 1 2 7 7 0 0 0 4 1 1 2 2 3 5 5 1 1 2 2 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 17 11 8 14 8			2.71 5.64 6.62 5.60 2.88 4.81 1.94 1.57 2.23 1.11 3.68 3.75 2.26 1.71 3.13 3.22 2.3.40 3.3.60 4.51 2.93 4.51 2.93 4.01 2.93 4.03 3.10 1.54 4.03 3.10 2.93 4.03 3.10 4.03 3.10 4.03 3.10 4.03 3.10 4.03 3.10 4.03 3.10 4.03 3.10 4.03 3.10 4.03 3.10 4.03 3.10 4.03 3.10 4.03 3.10 4.03 4.03 5.03 6.03 6.03 6.03 6.03 6.03 6.03 6.03 6	- 0.19 - 1.78 1.62 - 0.79 1.08 - 2.18 2.40 - 1.84 0.14 - 1.50 - 0.61 - 0.52 - 0.10 - 0.11 1.07 - 2.14 - 1.49 0.37 - 0.07 - 0.06 - 2.18 - 2.42 - 0.89 - 1.92 - 0.68 - 1.92 - 0.68	2.20 2.48 2.07 1.100 1.400 0.55 0.73 0.84 1.60 2.40 1.107 0.87 1.80 0.83 1.40 1.71 1.80 0.84 1.71 1.80 0.84 0.85 1.35 1.35 1.35 1.35 1.35 1.35 1.35 1.3	14 14 27 6 128 27 223 15 222 5 6 15 28 15 28 15 28 15 14 15 16 30 6 30 16 16 16 16 16 16 16 16 16 16 16 16 16	T			285688245267545644 05766475456366556	1 2 1 3 3 1 1 4 0	1 1 0 1 0
OIVISION STATE				74.0 73.1	- 4.4									3.16 3.65	- 0.51 - 0.35			T T					

DAILY PRECIPITATION

•	L	1	_	3	

Table 3	70									Day	of month											
Station	Totol	1 2 3	4 5	6	7	8 9	10	11	12		14 15	16 17 18	3 .	19 20 21	22	23	24 .	25	26 27	28	29	30 3
ABBOTT ALICIA ALUM FORK	2.50 2.37 2.68			.41	.37	T T	+30 T	•27	.05	т	.96 .48 .21 1.15	.20		T	.40				.5			
ALY AMITY 3 NE	2.76		1.12	1.07	Т	.17 .0					.36	.80 .65		.25	.25	.13	. 4		• B	.50		
ANTOINE APLIN 1 W	2.39		.62	.07		т т					a 10 la 41	. 85				.20			• B	.65		
ARKADELPHIA ARKANSAS CITY ASHOOWN	2.71 1.47 .28		.08	.67	τ	.0					.04	e - 41				.05			* * 4			.11
ATHENS AUGUSTA	1.81		. 25	.91	.39		.02				2.82 .59	.31		1 .1		.11						
BALO KNOB BATESVILLE LIVESTOCK	5.64		. 89 T	*07 T	.40 .76	Т	.07	7 .05			2.48 .43 2.07 .55			+24 +28		.18			.7:			.0
BATESVILLE L AND 0 NO 1 BEATY LAKE	7.23		T .40		. 37	.1		Т	.03	T	1.70 .72 2.37 .01			.25 .04		. 9		т	1.8			.41
BEAVER REECH GROVE BEECEVILLE	7.27 1.55 5.79			.37	.38	. 0	2 +11	.41	.17	.09	1.84 .58 .12 .28 2.20			.03	.09	+13		+17	T .7	1 1.7	. U ł	.29
BENTON !LLE	7.27		.30		.)3	.0	6 .08		. 25	.07	T 1.38	.54		.0.	.95	,04		.20		1.39		
BIG FORK BIG LAKE OUTLET	2.45		. 35	.52	т	.0	.13	.05	.03	T	*15 T	1.35		1		1.02				.45		
BLACK ROCK BLAKELY MOUNTAIN DAM	3.05			.60	+ 4-2		т	. 64	.05		.10 .35	.54		T		T				. 15		
BLUFF CITY BLYTHEVILLE BOONEVILLE	2.88 4.83		1 .20 T	1.10	.02	. 0		.30	•12		+15 2+95	.56			. 81.7	.70	.22		. 2	. 34 3 . U 3		
BOUGHTON BRADFORD	1.36		•02	.26	.28		+ 14				23 66	.28				.)			1.2	. 82		
BRINKLEY BUFFALO TOWER	6.36			1.10	.21 .15	. 5	2 T	.37	.11		1:40 :10				. 13					0 1.5		
BURDETTE CABOT 4 Sm CALICD ROCK	2.54 2.94 7.77		.83	1.10	.10	т	• 3 s • 3 s T	5	.08		.19 .2, .47 1.50 .48			c.U	.21	.17 .13			. 9 .87 .0			
CAMOEN 1 CAMP CHAFFEE	1.94		.03	.74		.1	2 .08	8 .14	.03	1	/1	. 20			*17					1.2		
CARLISLE 1 Sm CLARENOON CLARKSVILLE	2.15 4.22 2.21	T		.38 1.36 .08	.80	. 1	.06	5		.04	.01 .45			• 1 2					. 5 . 9	6		. b(0)
CLINTON COLD SPRINGS	4.78		.10	.43	.35					. 85	.00	. 34		. 3					1.8	. 35		
CONNAY CORNING	2.19 1.90 1.57		.07 .14	.06 .41	+21	• 0	7		.11	Т	T .89					. 18 T	. 7		.19	. 40	1	
COTTER	1.50		-	.75	-		-	-		-		.75							-	-		-
CROSSETT 7 S CRYSTAL VALLEY CUMMINS FARM	2.23 3.34 1.11		. 21	1.06			. 51	>			.82 .08				Т	. 19				. 10	t	
OAISY OAMASCUS	4.53		.20	1.34	0		•0	1			•91 1•04	. 95 . u 3		•21		.25	• *		1.	1.00		
OANVILLE OARDANELLE	1.89		T	.10 .35	.15	.0			.02		T .25	. 66		***		.04	. 02			. 78		
OE QUEEN OERMOTT	2.01			1.20			.47					. 64				.7.		+ 34				
OES ARC OEVILS KNOB OUMAS 1	3.68 4.94 3.75		.02	.70 .97	•28 •12	, T	.1 .08	5 .11			.10 .87 .11 2.08	.04		.37 .30	1.06				.07 .0 .01 .	5 .85	.29	
EAGLE GAP EL OORAGO CAA AP	2.26		T .99		-		-	-	-	-	14			.70	-	-	-				-	
EUREKA SPRINGS EVENING SHADE	7.80			.34	.79	.06 T	. 43	1.38			3.34			T .14	- 14				1.02 1.3 T .7			
FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA	5.25 6.34 6.25		1 1.43 2.25 1.02	. 3		.01 T	.21	0 ·21 9 ·21 9 ·24	.07	• `` • 18 • 17	.64 1.20 .26 1.52			• 1 • 07 • 19	.13	. 24		.19 .06 .32	.57 .8 .11 .7	4		
FLIPPIN CAA AP FOROYCE 6 W	7.89			.47		. (-1	8 .14		.22	1+27			.76 . 6		a c D		.08	2.212	3		
FORESTER 4 WNW FORT SMITH W8 AP R//	3.09		•06	1.00		•21 •0	6 .01	6 .03		T •06	T 1.15			Y e v i	. 3 %		. 55					
FT SMITH WATER PLANT FOUNTAIN HILL	2.08		1.15			T				.00		•83						. 0	1.22			
FULTON GEORGETOWN GILBERT	2.53 4.33 10.50		.62 T .04	.24 .91	.67	. 15	.01	8 T			1.00 1.05 2.55 .87	. 35		1.80 1.27					.08 .2	3 .55		
GLENWOOD GRANNIS	2.10	•	. 46				1.				.18	. 47		т		.04				. 40		
GRAVELLY GRAVETTE	4.02		T .63	.20	T	. C		5 . U3 6 . 16 . 46		.19	.34 .13 2.00 .46	.89 T		. 3	.01			٠٤	.47 (.1	2 .03		
GREEN FOREST GREEN MOUNTAIN	9.04	•		2.00	.36			.18	.07		2.00 .84			.15 .22				7		0		
GREENBRIER GREENWOOO GUROON	1.40		.06	.58				T			.93	. 54 T			.09	Ţ	Ť		e 18	1.0		
HARRISON	1.98	3		.78		,12	. 1				3.04 .55			2.91	.3:		•17			6 1.2		
HEBER SPRINGS 3 NE HECTOR	5.20		T	.22 .10 .24	.30		.0	6 .44	T		1.40 .58 .10 .02 1.50	+ 00		1. 1 .1	. 46			. 10		. 41		
MELENA MENDERSON 2 M HOPE 3 NE	3.46 3.46		.50	054	.04		T	.82	.13		.43	+15		.01 .2: T		. 3		. '		2 .1		
HUPPER HORATIO	1.89	7	•29	.34			T	Y				.51 .48		• 2		· 11					J	
HOT SPRINGS 1 NNE HUTTIG DAM INDEX	2.29	7	.52	.91	.05	1	.0				.02			• 8		. 3						
JASPER JESSIEVILLE	6.87	,		1+02	.22		7 T	.14	.01		.69 .72	1.06		.6	. 1		. 12		. 8			
JONE SBORO KEO	3.22	2	. 3	1 + 60	.1.7		. 1	7 .43	.03		.30 .31 .60			. 6		. 9			. 4 .:	5		.32
LANGLEY	2.86	L		.55				7 .32	.00	1.03	.40	1.40		.86 .1		. 8	. 6	.11	1 - 3 - 1	. 01	В	
LEAD HILL LEE CREEK LEDLA	8.2 5.31 2.0	3	1.10	. 38			15	4 .33	.13	.12	. 28 3.47 T	. 88			.1.		. 7	. 0		+04	7	
LITTLE ROCK WB AP R/A			1.5		a 0 4)2 .)	7			.521											
LOST CORNER LOUANN 2 SE	4.21	1		.42	•57		• 0	.06			.35 1.71			• - 7		. 4					1	
EURTON MAOISON	4.61	1		.63	.25		• 1	3			1.42 1.31			.1		.17	•11		• 1	2.4		
MAGNDLIA 3 N MALVERN MAMMOTH SPRING	3.4 2.5 2.1		. 74 . 21	.59 .50 .45	.14		. 5	4	• 2	Ť	T . 7			.10		T			0	2		. 1
MARIANNA 2 S MARKEO TREE	3.31	n)	Υ 1	2 .53	. 41		• 2	5 4 .32	٠.)		1.07 .53					. 1	. 72		.10 .1			. 34

New reference notes following Statios Indo

Table 3-Continued	77			-	_	-	_								Da	y of m	onth																1955
Station	Total	1	2	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARSHALL MARVELL MELBOURNE MENA MONTICELLO 3 S	7.81 3.02 - 1.79 2.58	-	-	-		-	1.78 - .97	.40 .14 -	<u>*</u> 48	T -	- • 03 T	.09 .23 - .06	T -	-	- 08	1.95 .98	.95	-	-	-	-	.94 T	-	-14	-10	• 08	-	1.09	.31	.16	-	·05 -	
MOROBAY L ANO O NO B MORRILTON MOUNT 10A MOUNT MAGAZINE MOUNTAIN HOME	2.23 4.35 3.02 2.48 7.29						•23	.94 .59 .62 .30 1.33	•40	.06	T .18	.07 .05 .50	•14		.07		2.28	.02 .25 .33			.05	.08	.98		.57 .24 .02	T 1•19	•05	.06	•01 •27 •44 •20	•41			
MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY NARROWS OAM NASHVILLE PEACH SUBSTA	8.41 9.95 2.20 3.31	1					.09	1.27 1.56 1.21	.26 .80 T	Т	Т	T •01	• 45 • 33	•15 T		.95 2.45 T	.36 .76 .68	•20 •90 •17				.13	. 45	1.64 .07 T	•09 •42		Т	1.00	1.93 3.28	.18 .90 .30			
NATHAN NEWHOPE NEWPORT NIMBOO OAM OOELL	3.23 3.72 5.93 2.38 8.25						•03	1.86 1.37 .71 2.81	.07		.04 .22	.04 .04 .05	.65 .05	.06		1.80	.96 .62 3.40	.40 1.00				T •02	.21 .50 .17	.13	•19 T	•17 •47	•32		. 95	.40 .85 .02 .97			
OOEN OKAY OSCEOLA OWENSY ILLE OZARK	2 • 12 • 79 1 • 87 3 • 15 2 • 50					Т	.33	.83 .04 .50 .45	•26 •02 T		•07 T	.04 T .13 .01	.09 T	.05		T • 0 3	.02 .42 .19 1.29	.68					т	•27	.38			.03	.04 T	.21 .40 .51		T •03	
PARAGOULQ PARIS PARKIN PERRYVILLE PINE BLUFF	2.01 3.45 4.32 3.06 4.10					т	.20	.01 .20 .16 .15	•01 •11 •02 •17	.04	.27	.09 .16 .12 .01	.34	.15	T •03	.02 2.00	.07 1.81 .41 1.97 1.78	.29				.08	*10 T	т	.84	T 1+49	.12 .01	• 15 T	.81 .54 .69	Ť •18	Т	.07 .64	
PINE BLUFF CAA AP PINE RIOGE POCAHONTAS 1 PORTLANO PRESCOTT	2.93 2.99 4.03 3.10 1.54							.11 .65 2.35 .50	.58 .10		.05 .09	• 90	.54		T		2.14	.80				T .06			.36 .15 T	т		T •11	.07 .15		.05 T 1	1.35	
RATCLIFF RISON ROGERS RUSSELLVILLE SAINT CHARLES	3.67 1.49 7.54 4.77 2.68					т	T *11 T *05	•21 •02 •49 •51 •07	.37 .62 .18	T • 09	T •07	.11 .44 T	•07 •16	т	.09 .34 T	.54	1.14	.50				.09 80.	T T	1.18 .91 .06	T		•29 T	•95 T	.09 1.27 .92 .39	.44 .14 1.13		1.34	
SAINT FRANCIS SALEM SEARCY SHERIOAN TOWER SHIRLEY	2.85 2.12 3.50 3.28 3.91					.06	.80 .54 .09	.45 .05 .31	•50 •11			.03	•41	.24		.30 .89 2.20 .64	.84 .35					.12	1.00 T	•05 •15	•10 •02			.70	.10 .66 .58 1.29	.04			
SILOAM SPRINGS SPARKMAN 4 E STAMPS STAR CITY 2 S STEVE	4.56 1.59 2.19 3.16 2.55						.13 T	1.06 .49 .80 .40	.09		•23	• 04 T	• 47	•09	.14	•13	•77	T .30				.03	.60	•40			•03	Т	•27	.68 .80 .79			
STUTTGART STUTTGART 9 ESE SUBJACO SUGAR GROVE TAYLOR	1.39 2.39 3.45 2.81 3.30				ĺ		.66	.41 .95 .15 .27	T •01			*10 *10 T	.10			•80	.48 .27 .91 1.82	.03 .03				.15	.07	.23		•10		т	.40 .55 1.05	.05 .32 .91		. 33	
TEXARKANA W8 AP R// TURNPIKE WALDRON WALNUT GROVE WALNUT RIOGE CAA AP	1.49 2.42 1.87 3.74 2.36						.48 .06 .66	.05 .15 .20	.12	.06	.02 .08 T	.15 T .10	T T • 05		.12 T	.61 1.70 .24	. 90 . 25 . 80					.08 .23		T .09	•12		T .01	.10 .68	.53 .18 T	•59		-01	
WARREN WASHITA WHITE ROCK WHITECLIFFS WILSON	1.76 2.40 2.85 .61 2.20						.20	.78 .30 .29 .36 .72	.08	•02	.08	•11	•20 •30	•63		.17	.10	1.20 .15 .25				.38		Т		•20		•17 •11	.04 T	• 50 • 95	•06	•01	
WYNNE YELLVILLE	5.48 8.40						•14	•23 1•42	.35		.08	•13			•40	2.89	.60					.15	.09		1.50			1.80	1.80	. 40	.06		

MONTHLY AND SEASONAL SNOWFALL
Season of 1954-1955 ARKANSAS JUNE 1955

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
ABBOTT ALICIA ALUM FORK ALY AMITY 3 NE				т		T T	1.0 T	.2 T	T T	T	, т	Т	1.0 - T T	
ANTOINE APLIN ARKAULLPHIA ARKANSAS CITY ASHOUWN						T T	1.0 T	- T		T	Т		0 1.0 T	
ATHENS AGGUSTA BALD KNOB BATESVILLE LIVESTOCK BATESVILLE L ANO D NO 1						T T	6.0 T	T T	T T	Ţ		ī	T .1 .5 6.5	
BEATY LAKE BEAVEK BEECH GROVE BEEDEVILLE BENTON						T - T	T 4.0 6.1 T	T T • 8 • 8	T - T	T T		Т	1 - 6.9 .8 T	
BENTONVILLE BIG FLAT BIG FORK BIG LAKE OUTLET BLACK ROCK	-	-	-	T -	-	2.5 - T	2.0	T - T	- - - T	-	- T T	т	0	
BLAKELY MOUNTAIN DAM BLOFF CITY BLYTHEVILLE BOONEVILLE BOUGHTON		,				. 5 T	2 • 0 1 • 5	1.0	1				1.0 2.0 1.5	
BRADFORO BRINKLEY BUFFALO TOWER BURDETTE CABOT 4 SW						- т	T - - - 5	• 5 T T	Т	-			* 5 T - -	
CALICU RUCK CAMDEN 1 CAMP CHAFFLL CARLISLE 1 SW CLARENOON		Т				T T •8 T T	- 2,•5 T	T	Т	т	Т		3.3 T	
CLARKSVILLE CLINTON COLD SPRINGS COMBAY CORNING	Т					Т	1.0			1			1.5 - 0 1.0 4.5	
COTTER COVE CROSSETT 7 S CROSTAL VALLEY CUMMINS FARM						Т	-	Т	T -	-		-	0 0 0	
DALSY OAMASCOS OANVILLE OAROANELLE OE OUEEN						*2 T	1.5			Т			1.5	
OERMOTT OES ARC OEVILS KNOB OOMAS 1 EAGLE GAP						T - T T	9.0 T 3.0		т -	_	<u>T</u>	Ţ	- T - T	
EL OORAOU CAA AP EURKKA SPRINGS EVENING SHAUL FAYETTEVILLE FAYETTEVILLE CAA AP	Т					3.8 1.0	5 • 5 9 • 5 7 • 0	. 1	2.0 1.3 1.2	Т	ī	Т	5.5 14.7 9.2	'
FAYETTEVILLE EXP STA FLIPPIN CAA AP FORDYCE O W FORESTER 4 WNW FORT SMITH WB AP				Т		3.0 T	6.3 11.0	Т	• 7 • 5	T	Т	T	10.0 11.5 0 0 5.5	
FT SMITH WATER PLANT FOUNTAIN HILL FULTON GEORGETOWN GILBERT			-			- T T T	- T 7 • 0	T T T T	т		-	т	- T T 7.0)
GLENWOOO GRANNIS GRAVELLY GRAVETTE GREEN FOREST						T •1 8•5	6.0) T	-	T		Ţ	T T - 1	
GREEN MOUNTAIN GREENBRIER GREENWOOD GUROON HAMPTUN					=	T	9.1 1.0 3.0	T	Т			-	3 • C	
MARRISON HEBER SPRINGS 3 NE HECTUR HELENA HENDERSON 2 W						3.0 .3 T	13.0 .8 - .4 7.5	. T	2 • C	T T			18.0 1.1 - -	L
MOPE 3 NE MOPPER MORATIO HOT SPRINGS 1 NNE HUTTIG OAM						т	т	T		Т			T T T	

MONTHLY AND SEASONAL SNOWFALL

Season of 1954-1955

ARKANSAS JUNE 1955

														30NE 1935
Station	July	August	Seplember	Oclober	November	December	January	February	March	April	May	June	Total	Long-lerm means July-June
INOEX JASPER JESS TEVILLE JONESBORO KEO						•5 T	8 • 0 T 1 • 0	T •5	T T		т		0 8•5 T 1•5 T	
LAKE CITY LANGLEY LEAO HILL LEE CREEK LEOLA				Т		T 1.0	2 • 5 8 • 5 T	T T 2.0	•3	Т			2.5 T 9.5 - 2.0	
LITTLE ROCK WB AP LITTLE ROCK FILTER PL LOST CORNER LOUANN 2 SE LURTON	Т				Т	T T -	• 5 - -	•B	T T •5	T T -	Т	Т	2.3 0 - T -	4.1
MAOISON MAGNOLIA 3 N MALVERN MAMMOTH SPRING MARIANNA 2 S		Т				T T	T	T T	T T				T 0 0 - T	
MARKEO TREE MARSHALL MARVELL MELBOURNE MENA	Т		-	Ţ _	-	T T • 5	2.0 7.5	т _	T - T	-	-	Т -	7.5 .5 T	
MONTICELLO 3 S MOROBAY L ANO O NO 8 MORRILTON MOUNT 10A MUUNT MAGAZINE						т -	- T -						0 T T	
MOUNTAIN HOME MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MOUNTAINBURG 3 SSW MULBERRY				-	-	- T - T	11.0	• 5 - T	<u> </u>	-	-	-	11.0	
NARROWS OAM NASHVILLE PEACH SUBSTA NATHAN NEWHOPE NEWPORT	Т					T T	_	Т	Т	-	-	Т	0 - T 0 -	
NIMROO OAM OOELL OOEN OKAY OSCEOLA						3.5	9+5	T	1.5 T				- 14•5 T T	
OWENSVILLE OZARK PARAGOULO PARIS PARKIN						Т Т -	•1 •5 - 3•0	Т	Т				.1 .5	
PERRYVILLE PINE BLUFF PINE BLUFF CAA AP PINE RIJOGE POCAHONTAS 1			Т			T T	- T T - 4.5	T T T	T T	т		Т	- T T - 4•5	
PORTLANO PRESCOTT RATCLIFF RISON ROGERS	Т		Т	т	т - т	T T 6.8	T - 4.0	3.0 T	T 1•2	T T		Т	7 3.0 - 0 12.0	
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM SEARCY	_	-	-	-	~	T	1.0 -1 - - T	~	_ T	т			1.0 - - - T	
SHERIDAN TOWER SHIRLEY SILOAM SPRINGS SPARKMAN 4 E STAMPS	Т					T 4•4	4 • 5 4 • 0	т –	T 1•0	Т	Т		0 4.5 9.4 0	
STAR CITY 2 S STEVE STUTTGART STUTTGART 9 ESE SUBIACO						-	1.0	т	Т				0 1.0 - T	
SUGAR GROVE TAYLOR TEXARKANA WB AP TURNPIKE VIOLA						T 2.7	5 • 5	2.0 T	T T T	1.0	-	Ţ -	- 2 • 0 I • 0 8 • 2	
WALDRON WALNUT GROVE WALNUT RIOGE CAA AP WARREN WASHITA						T	Т - 3.5	T T	т	т			3.5 0	
WHITE ROCK WHITECLIFFS WILSON WYNNE YELLVILLE				-	-	3.5	10.0	Т	•5			Т	14.0	

Table 5									D	ΑI	LY	T	EN	1PI	ER.	ΑT	'UF	RES	S													RKANJA.
Station		-										,		,		Day	Of	Mon	th					-1-	_		-	7			_	rage
ALUM FORK	T _{MAx}	84	2 86	3 85	4 87	5 8 5	6	82	8 85	9	72	11	12	13	14	15 7.8	16	17	18	19	20	21	22	23	24		26	27		29		31 Å
ARKADELPHIA	MIN	57	59	60	65	63	64	57	55	60	82	52	58	51	62	59	58	85 57 89	60	89 60 90	87 64 90	91 64 94	92 65 94	91 64 94	90 64	91 66 93	90 67 92	82 64 87	62	90 66 92	89 68 91	85.0 60.7
ASHDOWN	MIN	60	60	61	69	67	61	61	57	65	54	51 78	56	54	67	64	61	60	62	62	66	93	66	66	66	68	70	67	88 65	6 8	70	87.6
BALD KNOB	MIN	59	60	61	73	66	65	60	59	55	53	51	53	56	68	66	63	59	60	60	65	93 64 92	66	95 64 89	64	71	95	69	63	70	71	89.1
BATESVILLE LIVESTOCK	MIN	57	57	63	65	64	63	56	54	64	55	50	50	53	57	57	55	57	56	62	63	67	64	69	91 65	90 67	87 68	77 65	64	87 66	70	60.8
BATESVILLE L AND 0 ND 1	M1N MAx	50	52	55	61	60	80	51	50	59	48	46	51	50	55	52	76 46	51	86 56	88 55	62	60	94 59	92 63	91	92	66	60	87 53	60	90 67	83.6
BENTON	M1N MAX	54	55	58	63	63	83	55	50	61	53	50	58	54	58	56	51	54	59	90	66	62	91	67	63	67	64	64	88 57	63	89 69	84.7 59.3
BENTONVILLE	MIN	55	56	88 60 85	66	65	61	56	88 52 82	60	52	49	52	50	62	61	83 56	85 55	60	89 59	62	63	62	53	62	90 65	68	65	62	91 66	91 68	84.8 59.4
	MIN	58	60	58	60	59	56	49	52	52	51	47	54	75 50	57	56	82 57	83 55	60	82 60	86 56	91 57	61	61	62	65	63	63	82 62	66	69	81.0 57.9
BLYTHEVILLE	MIN	62	66	69	91 68	66	59	82 59	78 60	60	75 58	73 54	74 58	73 58	75 62	77 55	74 60	63	66	90 6 9	90 71	66	93 64	63	67	90 72	85 72	76 66	60	88 65	90 71	63.6
BOONEVILLE	MAX MIN	63	63	62	68	87	62	86 54	54	58	72 49	78 50	58	52	67	76 61	62	60	63	63	90 65	94 64	91	92 65	67	94 67	85 72	68	91	70	94 71	86.4
BRINKLEY	MAX MIN	59	87 59	89 65	68	60	62	81 58	86 55	63	76 58	77 55	74 52	82 52	81 58	7 2 5 9	83 56	89 59	64	90 62	92 65	90	92 65	90	91 67	92 64	91 76	89	90 65	89 66	89 67	85.9
CAMOEN 1	MAX	87 58	92 58	92 59	95 70	93 70	91 62	85	88 59	91 68	78 58	71 53	79 59	78 54	92 68	94 65	79 62	90 57	92 61	95 64	95 59	96 67	9 6 65	99 64	99 65	96 71	97 70	96 69	93 64	92 68	95 71	90.5
CAMP CHAFFEE	MAX	61	86 62	63	86 67	86 65	85 64	84 55	85 56	79 60	71 51	77 50	55	81 55	80 68	77 60	62	60	61	90	90 64	94 63	91 66	91 65	92 67	95 65	88 73	86 68	90 65	93 71	92 71	85.8 62.6
CLARKSVILLE	MAX	87 63	85 61	87 62	87 67	87 66	63	83 53	85 52	77 58	71 50	75 51	73 58	84 52	79 62	78 60	83 58	85 58	87 64	90 60	90 66	94 62	90 66	92 66	92 65	93 66	88 72	83 64	88 64	92 70	91 72	85.3 61.7
CONWAY	MAX	86 60	88 60	89 64	87 70	84 67	63	85 57	86 55	80 61	74 52	78 51	74 55	85 53	79 59	75 60	84 56	87 58	88 63	90 62	89 65	94 66	91 63	92 66	91 65	93 68	88 65	81 67	90 61	90 67	90 70	85.7
CORNING	MAX MIN	78 59	85 59	88 66	90 67	89 66	79 63	8 2 56	80 52	82 60	80 55	78 50	70 57	70 55	76 58	73 49	81 56	85 58	89 63	90 66	91 69	88 66	95 66	91 68	89 68	93 69	86 66	77 67	83 58	89 62	94 72	84.0 61.5
CROSSETT 7 S	MAX	87 57	89 55	90 55	88 61	86 68	86 63	87 61	91 54	88 65	76 69		80 51	86 52	90 63	87 62	86 64	88 55	89 58	91 57	91 60	91 65	93 62	95 61	92 65	93 72	94 69	92 65	85 64	90 63	91 67	88.3
CUMMINS FARM	MAX M1N	83 57	87 60	86 58	90 61	89 67	85 62	82 60	87 58	8 5 6 6	76 57	75 51	77 57	85 60	83 68	79 63	84 61	87 60	89 60	91 63	90 65	91 67	92 66	90 66	91 66	92 70	85 69	86 66	91 66	92 69	92 69	86.4
OAROANELLE	MAX	86 63	86 63	87 65	88 70	88 57	82 63	88 57	82 57	79 61	74 52	75 53	74 53	83 53	81 62	7 4 6 0	81 60	85 60	86 64	88 63	87 66	92 56	88 66	90 68	91 66	92 69	87 73	81 66	87 64	91 71	90 73	84.8 62.5
OE OUEEN	MAX MIN	88 61	86 62	88 61	90 67	86 67	86 61	86 58	88 55	75 64	75 52	80 48	80 52	91 55	91 61	83 64	87 61	86 60	89 61	91 61	93 64	94 62	93 65	95 63	93 65	94 65	96 69	86 68	93 63	95 76	95 69	88 • 4 62 • 0
OES ARC	MAX MIN	78 58	84 59	88 64	89 67	89 68	8 4 62	84 58	82 56	86 53	72 55		77 54	75 53	82 57	67 57	75 56	83 58	87 62	89 62	91 65	84 69	86 68	90 68	91 66	93 70	92 69	80 64	84 62	89 66	90 69	83.9
OEVILS KNO8	MAX	78 56	78 58	80 65	81 65	79 60	75 56	75 55	79 60	70 54	62 49	67 47	63 52	73 53	69 52	7 0 5 5	75 56	77 60	79 63	82 64	83 62	81 68	83 63	86 65	85 65	84 65	79 62	72 61	80 61	82 66	82 67	77.0 59.5
OUMAS 1	MAX M1N	87 56	90 57	93 61	93 65	86 67	8 5 6 3	86 62	90 57	78 65	79 59		80 5 6	87 54	86 69	7 4 6 4	84 61	89 59	90 62	93 61	94 61	94 67	97 67	92 67	92 69	94 71	95 70	89 64	92 68	93 69	91 70	88.5
EL OORAGO CAA AP	MAX	88 60	90 57	88 59	89 69	85 61	87 61	85 64	91 56	82	75 59		77 59	87 55	90 68	83 67	88 63	89 56	90 58	91 60	94 61	92 65	94 65	93 64	90 66	91 70	91 70	92 66	91 65	94 67	91 69	88 • 2 62 • 6
EUREKA SPRINGS	MAX MIN	81 54	84 63	84 61	84 62	83 61	78 59	77 52	81 54	73 54	67 57		65 55	75 51	71 55	72 56	79 54	81 56	84 61	84 61	84 59	90 61	85 63	87 60	87 65	87 66	80 63	76 63	81 62	87 69	87 71	80 • 2 59 • 2
FAYETTEVILLE	MAX	83	83 65	8 3 6 3	85 66	84 57	79	78 52	80 53	72 55			68 55						85 62				85 63	87 64			84 67	78 61	00		88 71	81.3
FAYETTEVILLE CAA AP	MAX	82 64	81	83	84 61	83 58	78 54	77 50	82 50	69 55			67 53	75 50	76 61	79 61	83 59	82 55		85 59		90 58		86 63	8 7 62		84 69	76 64	86 64		86 72	80.8 59.3
FAYETTEVILLE EXP STA	MAX MIN	83 63	82 61	84	85 62	84 59	78 58	78 50		72 53	66 48		69 53		74 58	78 58	81 58	80 55		85 61	85 59		84 61	86 63	88		84	82 63	87 64	87 70		81.2
FLIPPIN CAA AP	MAX MIN	85 57	90	90 61	89 64	89	81	78 52	83 51	74			68 57	76 52		76 57	82 50		88	86 59		92 62		89 66	91 63		76 63	75 61		91 65		82.6
FOROYCE 6 W	MAX	86 59	89	90 63	89 70	86 69	84	85 65	87 57	83 64			77 53	96 55	88 68	8 5 6 4	86 60	88 58		92 64	91 67			95 64	92 68	93 70	90 67	89 64		91 68		87.9
FORT SMITH W8 AP	MAX	90	86 64	88		87	86	84 58	87 58				75 57	81 56	80	78 61	85	85 61		90			92	93 67	94	95 69	87 73	80 68				85 · 8 63 · 5
FT SMITH WATER PLANT	MAX	85 64	84	85 57		84	82	82	84	79 57			73 57	80 48			81			87 57	93 56			90 60	92		83	87 63				83.7 60.1
GILBERT	MAX	84	88	87 59	87	86 59	81	79 50	84	74 58	74		69	76 51	73 56	7 5 5 8	83				86 64			95 60	90		84	78 63			88	83.3 57.6
GRANNIS	MAX MIN	82	82	84	85	83	81	82	84		71	75	75 53	82		78 63	82	80	84	86 61	88 63	89	90	91 64	90		90		89 63		90	83.8
GRAVETTE	MAX	83	84	84	84	82 57		78	80		67	70		77	70	80	83	83	86	84	87	93	84	88	88		84	77 62			88	81.5 57.9
GREEN MOUNTAIN	MAX	80	82	80	82	86	84	76	80	78 56	74	78	76 54	78	76	74	78 62		84	88	86		90		90	89	88	86	80	88	91	82.7
HARRISON	MAX	82	88	87	86	86	80	77	84	74	72	74	68	77	75	74	81	82	8.5		86	91	86	88		89	79 61	76	84	89	87 68	82.0
HELENA	MAX	56 88	59 91	93	90	63 84	82	51 82			8.5	76	78	85	82	73	86	90	91	91 64	90	94	94	92	93	92	90	85	92	93	92	87.5 63.8
HOPE 3 NE	MIN	83	86	85	88	68	88	83	84	88	71	75	77	76	87	91	76		86	87	90	91	91		93		91	95	88	92		86.4
	MIN	60	61	60	69		62	03	59	04	54	50	54	22	0.0	0 4	1 02	00	0.1	02	08	05	00	0.4	0.5	0.9	1.6	00	UZ.	0 /	7 9	02.5

DAILY TEMPERATURES

ARKANSAS JUNE 1955

Table 5-Continued									D	ΑI	LY	T	ΕM	1PI	ER.	ΑT	'UR	RES	5													KANSAS E 1955
Station																Day	Of	Mon	th													Average
	Т	1	2	3	4	5	6	7	8	9	10	77	12	13	14	15	16	17	18	19	20	21	22 95	23	91	25	26	27 83	28	29	30 31 92	86.0
HOT SPRINGS 1 NNE	MAX	61	60	64	70	86	64	62	53	7 6 60	54	53	58	55	66	62	60	60	64	64	69	66	67	67	66	72	74	66	64	92 70	72	63.6
JONES80R0	MAX	83	59	65	69	80	64	78 56	83 56	62	76 57	51	72 56	76 54	73 58 79	53	85 57	60	90	65	86 67	67	90 66 91	89 69	69	88 72	82 71	78 66	63	93 65	90 70	84.1 62.5
KE0	MIN	59	87 58	64	67	86 67	61	83 58	87 55	76 61	76 54	78 50	76 57	86 52	61	62	83 58	87 59	64	63	91 66	93 64	65	90 66	93 64	92 69	84 65	84 65	63	93 67	92 69	61.8
LEAO HILL	MAX	83 56	89 54	60	88 62	85 61	81 58	80 49	85 48	75 60	68 50	73 51	68 58	78 51	68 56	. 76 58	83 48	83 52	87 58	86 56	89 63	93	63	88 64	61	87 65	80 63	75 63	85 57	89 65	90 70	82.6 57.8
LITTLE ROCK WB AP	MAX	61	88 62	67	89 71	83 68	63	63	87 59	73 60	74 5 6	77 53	74 59	85 56	75 62	70 62	83 61	87 62	67	91 65	89 69	92 68	92 70	89 71	91 69	92 71	83 67	79 68	88 65	92 70	90 71	84.8
MAGNOLIA 3 N	MAX	87 58	89 61	89 61	90 70	88 65	61	84 62	89 55	85 65	76 54	77 50	76 52	88 55	91 67	66	87 63	8 6 58	59	91 60	95 63	91 64	94 63	94 63	93 66	95 70	94 71	90 68	90 63	91 68	91 69	88.2 62.3
MALVERN	MAX	88 58	86 59	60	89 68	86 66	83 62	84 56	87 55	87 64	75 54	78 50	74 50	85 52	86 68	8 4 6 4	85 60	88 57	63	90 62	91 64	94 65	93 65	92 65	92 63	92 67	90 69	65	90 65	93 67	92 70	87.2 61.8
MAMMOTH SPRING	MAX MIN	84 52	90 55	90 59	89 62	80 60	8 0 62	78 50	84 47	77 59	74 52	70 52	69 57	73 55	69 54	79 46	84 50	87 53	90 57	91 57	90 65	60	92 60	92 67	93 60	85 67	79 67	75 64	88 55	93 60	92 69	83.7 57.8
MARIANNA 2 S	MAX	78 57	83 58	88 64	91 66	90 67	81 64	84 57	81 52	86 62	75 58	75 52	77 55	78 52	82 58	67 58	74 58	83 61	88 64	89 63	89 65	86 64	92 67	92 67	89 65	94 70	92 72	78 64	84 64	89 68	92 69	84.2
MARKED TREE	MAX	78 57	85 57	90 66	93 68	91 66	81 65	85 56	85 59	85 64	75 57	78 50	76 55	75 55	80 59	65 56	79 58	85 60	89 63	91 65	91 69	88 65	95 67	93 74	90 65	94 67	90 71	76 65	82 61	90 65	93 69	84.9 62.5
MARSHALL	MAX	82 62	85 69	85 59	85 66	80 61	77 62	82 50	84 52	79 50	71 49	77 50	66 58	76 54	73 52	73 57	81 50	83 52	85 61	86 57	85 63	90 60	87 62	87 62	88 62	62	85 63	84 57	85 58	88 70	86 70	81.9 58.7
MENA	MAX	84 60	83 61	84 62	87 68	82 67	82 59	82 59	82 56	76 57	68 57	78 49	72 55	82 53	82 66	80 62	81 61	83 60	85 61	86 61	86 65	89 63	90 6 7	89 62	88 64	89 70	89 69	82 66	87 64	90 69	88 72	83.5 62.2
MONTICELLO 3 S	MAX MIN	86 59	89 56	91 59	88 59	88 63	85 62	85 60	89 55	85 63	76 52	81 57	79 50	85 48	86 70	86 64	85 63	88 57	95 58	93 60	93 63	92 64	96 62	95 61	93 67	92 71	91 6 7	90 58	94 66	90 66	90 66	88.5
MORRILTON	MAX MIN	85 59	88 60	88 63	85 68	86 66	84 63	82 60	86 56	78 60	73 55	76 53	72 59	86 52	75 60	74 60	82 56	86 58	86 62	89 62	89 65	93 67	91 64	91 67	90 64	92 68	85 67	79 66	89 6 2	92 67	90 71	84.7 62.0
MOUNT IDA	XAM MIN	84 54	85 56	85 57	86 63	87 66	85 61	84 54	84 51	88 61	70 47	72 48	71 48	73 49	83 61	82 63	79 58	83 53	84 58	86 57	88 65	89 59	91 64	91 60	90 61	90 66	90 66	88 64	78 62	89 65	90 73	84.2
MOUNT MAGAZINE	MAX MIN	75 53	74 63	77 64	77 64	76 60	74 56	73 56	75 60	66 50	62 48	65 45	62 50	73 55	69 56	66 56	72 57	74 58	77 61		80 62	84 64	83 62	80 66	81 66	83 65	79 68	71 59	78 61	82 66	81 65	74.8 59.2
MOUNTAIN HOME	MAX	83 56	87 60	86	87 63	82 62	82 58	78 54	85 51	74	70 55	70 52	68 56	74 52	69 57	75 ·	81 51	83 55	86	86 59	87 63	92 61	88 61	86 65	90 62	85 65	82 64	74 64	84 68	88 64	87 69	81.6
MOUNTAIN HOME C OF ENG	MAX	75 59	83 61	86 62	81 64	87 62	82	82 55	79 53	84 61	73 56	70 52	69 56	68 53	75 57	60 55	75	81 55	85 61	87 60	87 64	88 66	91 62	91 66	89 63	90 69	86 64	75 63	74 59	84 66	88 70	80.8
NARROWS DAM	MAX	57	56	53	65	62	63	55	52	65	58	48	52	58	63	65	63	56	57	58	58	62	62	61	61	61	66	66	64	65	66	59.9
NASHVILLE PEACH SUBSTA	MAX	80 59	84	84	86 67	86 65	85	82 58	83 58	85 65	70 49	71 50	77 53	77 55	86 64	88	80 61	85 61	85 62	87 62	88 65	93 65	93 68	93 63	92	90 65	91 68	92 67	85 63	92 69	92 68	85.4 61.9
NEWPORT	MAX	87 58	90	92	90 67	84	84	82 56	86 55	81	79 55	75 51	76 57	81	79 58	78 59	86 55	89	92	92 63	87 69	95 66	92 66	91 71	94	91 70	84 72	81	90	94 66	93 69	86.5
NIMROD OAM	MAX	81	87	87	88	89	88	88	81	85	69	73 53	76 57	70	85 62	81	76 56	85	86	88	91 63	91 65	94	91	90	92	93	84	75 62	90	94 71	84.9
OKAY	MAX	86 66	87	88	88	88	83	85	88	85	73 53	77	79	88	91	86	87	87	90	91	93	93	94	93	92	92	94	93	93	95 71	93	88.4
OZARK	MAX NIM	85	85	87	86	85	85	85 53	84	78	68	78 50	74 56	84	79 65	77	82	85 59	86 64	89	91 64	93	91 65	91 65	91	92	84	78 66	88	91 70	90 71	84.7
PARAGOULD	MAX	84	89	89	89	84	81	77 56	84	82	76 55	73 51	73	76 51	73 59	80	85 54	89	90	91	89	94	91	89	91	88	84	80	88 56	91 61	89	84.6
PARIS	MAX	89 58	89	92	90	90	86	85 51	89 55	77	74 51	78 50	74	87 52	80	79 60	86 59	88 57	90	92	93	95 63	93	94 66	96 64	97 67	90 71	84	93	96 67	95 74	88.0
PERRYVILLE	MAX	85 57	89	88	89	88	85	85 56	89 53	79	75 51	79 50	75 56	88	63	75	85	85	94	91	93	94	93	92	92	94	88	81	90	92	93	87.1
PINE BLUFF	MAX	81	90	91	90	87	87	86	89	80	76	79	76	86	86	73	85	81	90	91	62 89	94	93	92	93	91	69 85	85	91	92	93	86.7
PINE BLUFF CAA AP	MAX	86	89	90	70 90	70 85	63	85	88	72	57 77	53 78	78		85	69	84	87	89	91	90	91	92	90	92	72 92	72 86	85	91	92	69 91	86.1
POCAHONTAS 1	MAX	82	59 87	90	88	88	80	78	56 85	79	76	73	71	76	71	80	85	87		91	89	94	91	90	91	70	70	78	88	92	91	84.4
PORTLAND	MAX	80	56 85	88	90	62 88	85	56 82	54 85	90	54 82	49 75	78		58 85		80	57 85	87	90	68 90	63 92	65 91	67 92	92	92	66 91	90	59 89		90	59.9
PRESCOTT	MIN	56 83	57 88	90	62 91	91	88	63 85	87	90	66	55 75	80		91	65 91	65 80	62 88		62 91	63 92	94	65 97	63 95	95	64 94	68 93	94	66 88		92 '	88.2
ROGERS	MIN	79	61 79	81	81	65 80	75	63 75	59 78	7/	53	50 68	57 64	55 72	61 70	66 75	76	59 78	82	63 81	67 83	87	80	83	65 84	70 83	75 79	76	82		85	77.8
RUSSELLVILLE	MIN	87	63 87	62 88	62 88	61 88	58	53 83	57 85	55 79	49 73	48 76	55 75	52 85	57 80	58 76	58 83	58 85	88	62 90	60 88	62 94	62 89	67 92	92	67 93	64 89	82	63 88	67 92	70 91	59•9 85•7
SAINT CHARLES	MIN	81	60	90	69 90	66 89	62 81	55 83	54	61 86	51 77	51 76	59 77	55 77	6 2	60	58 72	58 84	62 89	62 90	65 90	65 89	64 92	67 92	92	67 93	72 92	66 84	67 87	68 91	92	85.6
SEARCY	MIN	58	59	64	66	67	63	58	56	65	58	53	57	54	65 78	62	59 83	59 87	63 89	61 90	64 86	92	66 91	69 90	92	72 90	71 86	65 79	64 88	68 90	68 92	62.8
SHERIDAN TOWER	MIN		58	63	66	65	62	55	54	64	53	50	55	54	55	59	55	57		62	67	65 92	63	68	90	67	64 90	93	60	62		60.6
SILOAM SPRINGS	MIN	59	56	55	57	55	54	55	56 79	57	52	49	48	52	51	56	61	57	62	57	59	57	60	61	62	60	63	63	67	68		57.9
STUTTGART	MIN	59	62	60	60	57	54	47	50	50	49	47	51	50	53	57	58	56	54	62	56	57	,60	61	62	66	66	65	62	68	69	57.6
	MIN	00	61			67		58	86 52	65		53		86 56	63				66	92 65	69	66	69	92 69	68	92 72	91 66	67	91 65	91 70	91 76	87.0 64.1
	1																															

Table 5 · Continued									D	AI	LY	T	ΕN	1PI	ER	ΑΊ	'UF	RE	S														-N 45 1955
Station																Day	Of	Mon	th														ade
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avera
STUTTGART 9 ESE MA			84 58	87 65		90 68			81 56	85 65	71 59	76 57	78 51	77 57	84	76 62	70 60	83 61	87	89 61	90 67	91 66	91	91	90 66	92 71	91	88 65	84	89 69	88		84.5
SUB IACO MA				90 63			63		87 57	74 59	73 52	77 52	72				84 62																85.9 62.6
TEXARKANA W8 AP				87 67		86 66			88 60	75 58	72 55	77 52	78 56	88 61	89 68	8 1 6 6	87 65	86	87 63	90	91 69	92 66	93 68	92 67	91	91 70	93 72	90	91 65	92 73	92 71		86.9
TURNPIKE MA				81 64		79 58	75 56	73 55	79 61	68 55	65 49	65 47	66 52	71 56	68 54	71 55	78 57	77 68	80	82 62	81 62	84 67	84	82	83.	81 67	77 65	71 60	80 61	81 65	82 66		76.7 60.0
WALORON MA				89 59	89 66		86 58	84 55	88 52	76 57	72 46	77 46	77 57	87 49	85 63	8 1 6 1	85 58	85 55	89 59	92 58	90 63	92 60	93	93 62	93 62	93 66	90 67	87	91 62	94 66	93 72		87.2 59.7
WALNUT RIDGE CAA AP				88 66		78 64	8 0 58	78 56	83 54	74 58	75 53	7 4 52	71 57	74 58	69 57	78 53	83	67 59	88 63	88	88	94 67	90	89 71	90 68	88 69	76 68	79 65	87 59	92 67	90 71		82.9
WARREN MA				90 59		89 69	85 61	85 64	90 59	79 66	79 59	81 53	79 55	85 57	88 68	7 9 5 8	78 61	89 58	90 61	92 61	92 63	92 67	94	94 65	92 65	94 72	91 67	91	91 66	91 66	91 65		87.9 62.7
WHITE ROCK MA				8 0 6 2		78 58	75 57	75 57	79 65	75 52	65 47	66 48	63 52	72 54	69 59	7 0 5 6	71 58	73 59	80	82 65	82	87 67	83 65	84	85 66	82 65	79 67	76 61	80 62	83	82 67		77.1 60.6
WILSON MA				91 63	92 67	83 67	81 67	79 57	84 55	81 58	73 58	74 54	73 51	75 58	73 62	79 55	79 60	84	91 62	90	85 71	89	92 64	83	84	85 70	76 68	80	86 63	90 72	89 73		82.9
AM 3NNYW	X I	83	88	89	90	83	83	79 57	83	73	76 57	75	75	80	70	75	83	86	88	89	86	91	91	89	91	91	83	80	87	90	89		83.9

Table 6

EVAPORATION AND WIND

																1	Day c	f mor	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg
BLAKELY MOUNTAIN DAM	EVAP		.30		*	*		.22		.23				.66 230						*			.28							· 24 40			7.05 1695
HOPE 3 NE	EVAP				.07									.10																			5.54 702
MOUNTAIN HOME C OF ENG	EVAP																																6.50 906
NARROWS DAM	EVAP				.22																												7.08 861
NIMROD DAM	EVAP WIND		.26	.19	.21									.10																			6.13 753
RUSSELLVILLE	EVAP				.25																										.26		6.18 445
STUTTGART 9 ESE	EVAP WIND		.22	.21	.14	.36	.14	.15	.27	.18	.06	.23	.21	.22	.24	.12	.02	.21	.24	.15	. 24	.11	.19	.26	.17	.23	.26	.25	.14	.22	.10		5.77

MONTHLY AND SEASONAL HEATING DEGREE DAYS Season of 1954-1955

ARKANSAS JUNE 1955

							1904 100.								JOINE 1955
Station		July	Åugust	September	October	November	December	January	February	March	April	May	June	Total	NORMAL DULY-JUNE
ALUM FORK ARKADELPHIA ASHDOWN BALD KNOB BATESVILLE LIVESTOCK	AM	0 0	0 0 0	0 0 1 5	155 124 112 165	385 333 369 440	639 569 562 668	681 627 619 732 826	577 492 477 577 712	396 309 388 484	58 51 41 67 109	0 0 0 0	5 0 2 5 27	2896 2492 3047	
HATESVILLE L AND D NO 1 BENTONVILLE BLYTHEVILLE BOONEVILLE		0 0 0	0 0 0	7 4 15 1 0	203 167 244 158 140	485 451 522 390 399	700 681 789 692 635	752 716 836 793 690	615 564 738 656 584	423 393 515 431 395	70 70 118 63 68	5 1 21 4	4 6 23 1 5	3264 3053 3821 3189 2916	
BRINKLEY CAMDEN 1 CAMP CHAFFEE CLARKSVILLE CONWAY	АМ	0	0 0 0	1 1 1	152 137 156 153	406 420 405	671 683 645	755 648 713 717 679	617 538 580 600 548	379 278 413 406 363	60 69 77 68 47	0 0 2 1	2 3 5 6 2	3007 3058 2843	
CORNING CROSSETT 7 S CUMMINS FARM DARDANELLE DE GUEEN	АМ	0 0	0 0 0	1 5 0	118 157 145 124	355 442 396 395	547 675 628 613	849 591 663 628	706 439 566 562 495	457 235 367 299	88 46 69 41 41	6 0 0 0	8 1 2 4 2	2333 2806	
DES ARC DEVILS KNOB DUMAS 1 EL DORADO CAA AP EUREKA SPRINGS	АМ	0 0 0	0	4 0 0 7	206 125 117 197	440 369 343 432	762 610 534 737	722 850 633 600 779	612 714 536 487 700	394 531 290 306 472	66 122 71 52 92	0 17 0 0 13	7 35 0 0 19	3681 2634 2439 3448	
FAYETTEVILLE FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP FORDYCE 6 W		0 0 0	0 0 0 0	17 11 7 0	203 221 221 227 120	482 532 490 511 347	739 777 743 770 547	801 836 795 832 603	696 715 697 703 480	480 523 496 514 265	106 132 119 103	8 19 14 6 0	20 23 22 15	3541 3795 3608 3688	
FORT SMITH WE AP FT SMITH WATER PLANT GILBERT GRANNIS GRAVETTE		0 0 0	0 0 0	1 10 0 7	148 205 156 226	394 414 493 400 499	689 709 740 617 776	739 756 786 677 848	624 656 643 519 742	419 447 466 364 527	82 97 109 73 118	0 6 11 0 16	6 6 9 9 22	3102 3472 2815 3781	3188
GREEN MOUNTAIN HARRISON HELENA HOPE 3 NE HOT SPRINGS 1 NNE	АМ	0	0	7 0	211	497 303	755 560	802 668 668 636	870 680 498 557 525	595 490 297 348 327	135 108 46 81 34	0 9 0	2 11 0 4 1	3570 2503	
JONESBORO KEO LEAO HILL LITTLE ROCK W8 AP MAGNOLIA*3 N		0 0 0	0 0 0 0	7 1 7 0	176 163 214 142 97	424 408 514 362 341	702 643 779 635 517	755 669 822 690 583	611 540 724 570 456	404 367 523 388 320	69 57 104 59 58	2 0 7 0	1 14 0 2	3154 2849 3708 2846 2374	2982
MALVERN MAMMUTH SPRING MARIANNA 2 S MARKED TREE MARSHALL	A M A M	0	0	0 8	135 221 186	363 508 492	593 766 726	672 801 742 825 751	514 679 626 696 637	312 485 399 466 487	41 89 74 88 97	0 7 0 1 5	4 15 3 5	2634 3397	
MENA MONTICELLO 3 S MORRILTON MOUNT IDA MOUNT MAGAZINE	АМ	0 0	0	0 1 1 5	135 152 232	382 376 406 480	600 571 645 785	687 597 693 771 869	575 471 572 659	379 395 423 538	57 127 156	0 0 0 1	4 1 1 20 46	2828 2922	
MOUNTAIN HOME C OF ENG MOUNTAINHURG 3 SSW NARROWS DAM NASHVILLE PEACH SUBSTA	AM AM	0	U	7	213	484	764	816 871 718 691	663 751 558 579	494 548 355 367	94 121 98 85	4 10 0	13 18	3552	
NEWPORT NIMROU DAM UKAY OZARK PARAGOULD	АМ	0 0 0	0 0 0	0 1 12	206 101 139 214	321 390 497	739 505 645	768 743 566 700	632 596 454 607 641	443 390 277 415 445	82 84 34 61 82	0 0 0 4	2 13 3 7 4	3323 2261 2965	
PARIS PERRYVILLE PINE BLUFF PINE BLUFF CAA AP POCAHONTAS 1		0 0 0 0	0 0 0 0	2 0 0 1 5	140 144 123 144 197	383 436 349 396 445	652 621 560 629 758	692 683 604 661 786	577 537 489 543 637	384 374 308 360 437	55 56 44 62 78	0 1 2	3 2 0 0 6	2888 2477 2797 3351	
PORTLAND PRESCOTT ROGERS RUSSELLVILLE SAINT CHARLES	АМ АМ	0	0	7	200 143	460 407	743 644	658 679 800 696 730	543 577 714 566 602	307 358 489 405 345	66 68 107 53 56	0 0 13 2 1	0 7 27 4 0	3560 29 21	
SEARCY SHERIDAN TOWER SILOAM SPRINGS STUTTGART STUTTGART 9 ESE	АМ АМ	0 0 0	0 0 0	2 1 0	172 152 125	420 354	680 601	722 615 878 650 723	575 524 793 509 602	396 322 557 321 380	64 47 161 46 73	0 21 0 0	2 0 23 0	3033 2608	
SUBIACO TEXARKANA WB AP TURNPIKE WALDRON WALNUT RIDGE CAA AP		0	0	0 5 6 5	149 111 213 146 217	390 321 451 443 470	652 519 776 654 749	671 613 888 702 804	588 493 675 590 656	394 300 520 386 485	65 59, 126 85 86	2 0 20 1 2	2 1 34 9 6	2913 2417 3708 3022 3480	2362
WARREN WHITE ROCK WILSON WYNNE		0 0 0	0 0	0 3 6	98 223	336 457 425	553 757 681	591 859 753 747	459 737 571 615	250 515 380 400	45 107 51 81	0 12 0 3	0 30 4 7	2332 3700 3136	

COMPUTATION OF DEGREE DAY DATA FOR STATICNS MAKING MORNING OBSERVATIONS WAS NOT STATED UNTIL JANUARY 1, 1955.

CLIMATOLOGICAL DATA

TABLE 2

TKANS 1 D DATA

				Ten	pera	ture								P	recipi	itation				
				10			ì		80	No o	Days		- Fe	^		Snow,	Sleet, F	fail	No.	of Day
Station	Average Maximum	Average Minimum	Average	Departure From Norma	Highest	Date	Lowest	Date	Degree Days	Above 32" or Below	Min. Below Bolow	Total	Departure From Norma	Greatest Da	Date	Total	Max. Depth on Ground	Date	.18 or More	.50 or More
MAY 1955 DELTA DIVISION CAMDEN 1	88.7	62.6	75.7	+ 4.7	95	6+	53	30	0	14 0	0	3.40	91	1.42	24	.0	0		51	2 2

DAILY PRECIPITATION

Toble 3																																
	7															month																
Stotion	Tot	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MAY .955 CAMDEN 1	3.40									ſ			.19									. 45			. 4.							

DAILY TEMPERATURES

Table 5																Day	Oí	Mon	nth														rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
MAY 1955 CAMDEN 1	MAX MIN	92 55	92 55	92 55	93	91 62	95 64	89 59	95 64	89 60	93 63	88 64	87 67	88 61	90 64	87 67	84 58	90 65	84 60	89 65	84 65	84 61	81 60	90 65	85 64	94 64	95 72	91 74	89 74	85 58	82 53	82 57	88.7 62.6

Station	k No.	County	age ‡	ıde	Longitude	tion	Obs vati	ion ne	Observer	Refe		Station	x No.	County	Drainage ‡	epn	Longitude	Elevation	Observation time	01-	Refer to
	Index		Drainage	Latitude	Long	Elevation	Temp.	Precip.		table	8		Index		Drain	Latitude		_	Temp.		tables
Abbott Alicia Alum Fork Aly Amity 3 NE	0064 0130 0136	Scott Lawrence Saline Yell Clark	1 3	35 04 35 54 34 44 34 47 34 17	91 05 92 52 93 29	256 755 854	5P	7A Ru 5P L. 7A Gu	ames V. Williams uby B. Owecs . R. Water Works urn B. Swaim rs. Alta P. Garner	3 3 2 3 5 3 3	ccc	Lurton Madison Magnolia 3 N Magnolia 5 N Malvern	4528 4548 4550	Newton St. Francis Columbia Columbia Hot Spring	5 3: 4 3: 4 3:	3 20	93 05 90 43 93 14 93 13 92 49	2007 215 315 360 311	6P 7	A Lola 1. Dollar A Paul L. Smith A Earl E. Graham D Ark. Pwr & Lgt Co. P Malvern Fire Dept.	3 3 2 3 5 7 2 3 5 C
Antoine Aplin 1 W Appleton Arkadelphia Arkansas City	0178 0188 0196 0220	Pike Perry Pope Clark Desha	3 1 1 3	34 05 34 58 35 25 34 07 33 37	93 25 93 00 92 53 93 03	285 400 522 200	6p	7A Ho MID Jo 6p Hi	rew A. Lamb obart Watts obn A. Jones iliman E. Lawrence obn W. Trammell	3 . 3 . 2 3 5	c c c	Mammoth Spring Marianna 2 S Marked Tree Marshall Marvell	4572 4638 4654 4666	Fulton	7 3 5 3 5 3 7 3	6 29 4 44 5 32 5 54 4 33	91 32 90 45 90 35 92 38 90 55	690 234 229 1050 195	SS 7 8A 8 7A 7	A John H. McKee M Univ. of Arkansas M William M. Crick M Mrs. Minnie Horton A Sterlin Wallace	2 3 5 7 2 3 5 7 C 2 3 5 7 2 3 5 7
Ashdown Athons Augusta Bald Khob Batesville Livestock	0300 0326 0350 0458	Little River Boward Woodruff White Independence	7 7 7	33 40 34 19 35 13 35 18 35 49	93 58 91 22 91 34 91 47	960 218 230 571	7P 6P 9A	7A Ar 7A Da 6P Ur 9A Ur	outhwestern G & E rra D. Parker avid G. Griffiths niv. of Arkansas niv. of Arkansas	2 3 5 3 3 2 3 5 2 3 5	c c	Maumee Melbourne Mena Monticello 3 S Montrose	4746 4756 4900 4906	Searcy Izard Polk Drew Ashley	3 3 3 3 3 3	6 04 4 35 3 35 3 19	92 39 91 54 94 15 91 48 91 29	749 610 1207 285 125	6P 7 5P 5	D Verne N. Davenport A Ivan L. Shrader A E. W. St. John P Arkansas A & M Col. D Ark. Pwr & Lgt Co.	3 5 7 C 2 3 5 7 C C
Batesville L & D 1 Bear Creek Lake Beaty Lake Beaver Beebe	0496 0512 0518	independence Lee St. Francis Carroll White	5 7	35 45 34 43 35 05 36 28 35 04	90 42	220 400 930		SP L.	ames J. Mitchum "S. Forest Service "G. Adamson "E. Skelton owell E. Perkins	2 3 5	c c	Morobay Lock & Dam Morrilton Mount Ida Mount Magazine Mountain Home	4938 4988 5010	Calhoun Conway Montgomery Logan Baxter	1 3	5 07	92 27 92 45 93 38 93 41 92 23	85 280 663 2800 800	5P 7 7A 7 7P 7	A Corps of Engineers A Emma S. Leavell A William E. Black U.S. Forest Service P. H. Halbert	3 C 2 3 5 2 3 5 C 2 3 5 C 2 3 5 7
Beech Grove Beedeville Benton Bentonville Berryville 4 NW	0536 0582 0586	Greene Jackson Saline Benton Carroll	7 6 1	36 09 35 26 34 33 36 26 36 26	91 06 92 37 94 13	221 285 1295	6P 6P	8A P. 8A Mr 7A Es	. B. Bammond . M. Breckinridge rs. Etta C. Burks arle L. Browne ames C. Mayes	3 3 2 3 5 2 3 5 3	С	Mountain Home C. of E. Mountain View 1 W Mountainburg 3 SSW Mulberry Narrows Dam	5046 5056 5072	Baxter Stone Crawford Franklin Pike	1 3	5 52 5 36 5 34	92 23 92 08 94 12 94 01 93 43	800 768 730 500 425	5P 3	A Corpe of Engineers A Mildred E. Ward P CLOSED A Henry G. Arvin A Corps of Engineers	2 3 5 6 C 3 11/10/54 3 2 3 5 6 C
Big Flat Big Fork Big Lake Dutlet Black Rock Blakely Mountain Dam	0664 0676 0746	Baxter Polk Mississippi Lawrence Garland	3 5 7	36 00 34 29 35 51 36 07 34 36	93 58 90 08 91 06	1100 238 259		7A Ar 6P N. 7A Le	CLOSED	1/1/55 3 3 3 3 3	С	Nashville Peach Substa, Nashville SCS Nathan Newhope Newport	5114 5158 5174	Howard Howard Howard Pike Jackson	3 3	3 57 4 07 4 14	93 56 93 51 93 52 93 50 91 17	550 373 550 850 225	MI 7 7	A Univ. of Arkansas D Soil Cons. Service A Edna J. Westfall A Elsie F. Word A Luther D. Summers Jr	2 3 5 3 2 3 5 7
Blue Mountain Dam Bluff City Blytbeville Booneville Botkinburg	0800 0806 0830	Yell Nevada Mississippi Logan Van Buren	3 5	35 06 33 43 35 56 35 09 35 39	93 09 89 55 93 55	360 252 511	7Å 7p	7A Pa 7A R. 7A C1	orps of Engineers aul M. Adams . E. Blaylock leo E. Yandell bomas M. Pearson	3 2 3 5 2 3 5	C C C	Nimrod Dam Norfork Dam Odell Oden Okay	5228 5354 5358	Perry Baxter Washington Montgomery Howard	7 3 1 3 3 3	57 5 15 5 48 4 38 3 46	93 10 92 15 94 24 93 48 93 53	470 425 1500 800 300	MI 7	A Corps of Engineers D Corps of Engineers A Mrs. Renzo Hurst A Vera J. Gann P J. T. Hargis	2 3 5 6 C 3 3 2 3 5
Boughton Bradford Brinkley Buffalo Tower Bull Shoals Dam	0872 0936 1010	Nevada Wbite Monroe Newton Baxter	7 7 7		91 28 91 10 93 30 92 34	240	5p	7A Ma	ris Elmore Wicker arshall Hickmon arl L. Riddell eulah F. Powler orps of Engineers	3 3 2 3 5 3	7 C	Osceola Owensville Ozark Paragould Paris	5498 5508 5562	Mississippi Saline Franklin Green Logan	3 3 1 3 5 3 1 3	4 37 5 29 6 04 5 18	89 58 92 49 93 50 90 29 93 45	250 500 396 275	6P 6 4P 4	A Alwyn A. Cowan A Guy Cook A Burns Wakefield P Radio Station KDRS S Fred J. Girard	3 3 2 3 5 2 3 5 2 3 5
Burdette Cabot 4 SW Calico Rock Camden 1 Camden 2	1102 1132 1152	Mississippi Lonoke Izard Ouacbita Ouacbita	7	35 49 34 57 36 08 33 36 33 35	92 08	289 400 116	7A	5P B.	. A. Hale . M. Waltber ustin D. Harris ohn W. Knight dith Z. Lehman	3 3 3 2 3 5	7 C	Parkin Parthenon Perryville Pine Bluff Pine Bluff CAA AP	5602	Cross Newton Perry Jefferson Jefferson	1 3	5 57	90 35 93 15 92 49 92 00 91 56	222 925 325 215 205	5P 7	A Corine D. Gardner D Arthur B. Carlton A rancis Finkbeiner A Wary T. Scheu D U.S. Civil Aero Adm	3 C 2 3 5 2 3 5 C 2 3 5 7
Camp Chaffee Cannan Carlisle 1 SW Carpenter Dam Clarendon	1188 1224 1238	Sebastian Searcy Lonoke Garland Monroe	7 1 3	35 18 35 52 34 47 34 27 34 41	92 44	235		MID Fr 8A Jo MID Ar	. S. Army roney Dell Horton chn L. Tait rk. Pwr & Sgt Co F. Northern	2 3 5 3 3	c	Pine Ridge Pocahontas 1 Portland Prescott Prescott SCS	5820 5866 5908	Montgomery Randolph Ashley Nevada Nevada	3 3	6 16 3 14 3 48	93 54 90 59 91 30 93 23 93 23	840 330 122 318	5P 7 7A 7	A J. R. Huddleston A Benedictine Sisters A Mrs. Pearl Newton A R. P. Hamby D Soil Cons. Service	3 5 7 2 3 5 7 2 3 5 7 2 3 5 7
Clarksville Clinton Cold Springs Combs 3 SE Compton	1492 1520 1574	Johnson Van Buren Scott Madison Newton	7 3 7	35 28 35 35 34 58 35 48 36 06	92 28	510 1250 1400		7A Ea 7A Ma MID Ma	r. Irving F. Beach arl B. Riddick argaret Zornes aude C. Brashears illiam L. Binam	2 3 5 3 3	CC	Pyatt Ratcliff Ravana Remmel Dam Rison	6008 6016 6102	Marion Logan Miller Hot Spring Cleveland	1 3 4 3 3 3	5 18 3 04 4 26	92 51 93 53 94 02 92 54 92 11	800 463 250 - 231	MI MI	D Ona V. McLean A Lulu M. Weeks D Bonny L. Allen D Ark. Pwr & Lgt Co. A J. H. Yaney	3 C C
Conway Corning Cotter Cove Crossett 7 S	1632 1640 1666	Faulkner Clay Baxter Polk Ashley	7 7 4	36 24 36 11 34 26	92 27 90 35 92 31 94 25 91 56	293 440 1050	5P 7A 5P	7A Mx 7A Rc 7A Jc	. Y. Short rs. Laura Polk obert T. Fielding oe C. Allen .S. Forcet Service	3	7 C	Rogere Russellville Saint Charles Saint Francis Searcy	6352 6376 6380	Benton Pope Arkansas Clay White	1 3 7 3	5 18 4 23 6 27	94 07 93 08 91 08 90 08 91 44	1387 360 200 300 245	5P 5	S Howard Fowler P U.S. Forest Service A Fish & Wildlife Serv A William S. Buckley Adam C. Melton	2 3 5 7 2 3 5 6 2 3 5 3 2 3 5 7
Crystal Valley Cummins Farm Daisy Damascus Danville	1768 1814 1829	Pulaski Lincoln Pike Faulkner Yell	1 3 1	35 22	91 35	176 629 705	6 P	6P Cc 7A Rc 7A W	irda Byrd ummins Prison Farm obert T. Tedder illiam A. Brown . A. Moudy	3	C 7	Sheridan Tower Shirley Siloam Springs Smithville Sparkman 4 E	6586 6624 6698	Grant Van Buren Benton Lawrence Dallas	7 3	5 38 6 11 6 05	92 21 92 17 94 33 91 18 92 48	290 600 1150 450 260	7A 7	P Ark. Forestry Comm. A Maud H. Bradford A John Brown Univ. D A. R. Richardson A Mrs. Rachel Butler	2 3 5 7 3 2 3 5 3 C
Dardanelle De Queen Denver ? E Dermott Des Arc	1948 1956 1960	Yell Sevier Boone Chicot Prairie	7 2	34 0: 36 23 33 31	93 09 94 21 93 18 91 26 91 30	420 1028 140		7A O.	retchen Goodier . Tucker Vasser larence E. Collins . H. Wilson . J. Rister	2 3 5 2 3 5 3 2 3 5	7 c	Stamps Star City 2 S Steve Stuttgart Stuttgart 9 ESE	6820 6856 6918	Lafayette Lincoln Yell Arkansas Arkansas	3 3	4 53	93 30 91 51 93 19 91 32 91 25	270 392 682 214 198	7	A Hubert Baker A Ark. Forestry Comm A T. P. Sims A George L. Clark A Univ. of Arkansas	3 3 3 2 3 5 2 3 5 6 C
Devils Knob Dumas 1 Dumas 2 Durham Eagle Gap	2148 2150 2176	Johnson Desha Desba Washington Scott	2 7	33 53 33 53 35 51	93 24 91 30 91 30 93 59 94 19	162 165 1243	5p 7p	7P Be MID An MID Go	arnest C. Campbell en Johnson rk. Pwr & Lgt Co. oldie E. Brink axine M. Hooper	2 3 5 2 3 5	7 C C	Subiaco Sugar Grove Sugar Loaf Mountain Taylor Texarkana WB Airport	6940 6944 7038	Logan Logan Cleburne Columbia Miller	1 3 7 3 4 3	5 18 5 04 5 29 3 06 3 27	93 39 93 48 91 58 93 27 94 00	500 500 300 247 361	7	P New Sublaco Abbey A D. R. Fennell A CLOBED A Idella D. Norwood D U.S. Weather Bureau	2 3 5 3 5/25/54 3 2 3 5 7 C
El Dorado CAA AP Eureka Springs Evening Sbade Fayetteville Payetteville CAA AP	2356 2366 2442	Union Carroll Sharp Wasbington Wasbington	7 7	36 24 36 05 36 05	92 48 93 44 91 37 94 10	1465 490 1370	6P 7P	7A Dr 7P C	.S. Civil Aero Adm abel F. Spray pha Wolfe harles F. Ford .S. Civil Aero Adm	2 3 5 3 2 3 5	7 7 C	Turnpike Viola Waldron Walnut Grove Walnut Ridge CAA AP	7450 7488 7524	Pope Fulton Scott Independence Lawrence	7 3 1 3 7 3	5 40 36 24 4 54 5 51 6 08	93 05 91 59 94 08 91 21 90 56	675 250	5p	FP U.S. Forest Service 7A CLOSED 5P William D. Bivens FP A. H. Fast ID U.S. Civil Aero Adm	3/16/55 2 3 5 7 C
Payetteville Exp. Sta. Flippin CAA AP Fordyce 6 W Foreman Forester 4 WNW	2528 2540 2544	Washington Marion Dallas Little River Scott			94 10 92 36 92 31 94 24 93 53		MID	MID U. 5P Jo	niv. of Arkansas .S. Civil Aero Adm ohm Yeager eslie P. Callens rs. L. L. Nelson	2 3 5 2 3 5 2 3 5 3	7 C	Harren Hashita Heet Fork Hheeling White Rock	7592 7694 7744	Bradley Montgomery Washington Fulton Franklin	3 3 7 3 7 3	3 36 4 38 5 55 6 19 5 41	92 04 93 32 94 11 91 52 93 57	206 610 1340 680 2285	MI	P Warren Cotton Oil C 7A Nora Lee Mayberry ID Mrs. N. C. Threlkel ID Thomas W. Cone 7A U.S. Forest Service	d C
Porrest City Fort Smith WH Airport Fort Smith Water Plant Fountain Hill Fulton	2574 2578 2598	St. Francis Sebastian Crawford Ashley Hempstead	1 3	35 20 35 39 33 21	90 47 94 22 94 09 91 50 93 48	458 793 175	MID 5P	7A R. 6P Je	bomas A. Moore .S. Weatber Bureau . J. Schoeppe ethro R. Denson na J. Logan	2 3 5 2 3 5 3 3	7 C	Whitecliffs Wilson Winfrey Wing Wynne	7912 7936 7950	Sevier Mississippi Crawford Yell Cross	2 3 1 3 1 3	5 34 5 44 4 57	94 04 90 02 94 06 93 28 90 46	237 1152 350	SP M	7A L. M. Snead 7A D. O. Anderson ID Clyde F. Meadors ID Miles B. Turner 3S Wm. M. Courtney	2 3 5 C C 2 3 5
Georgetown Gilbert Glenwood Grannis Gravelly	2794 2842 2908	White Searcy Pike Polk Yell	7	35 59	91 26 92 43 93 33 94 20 93 41	595 547	6P SS	7A C.	essie E. Akers . Eli Jordan aisy G. Vaught . E. McVay illie Pendergrass	3 2 3 5 3 2 3 5 3	7 C	Yellville	8084	Marion	7 3		92 41	760		7A Madge V. Doshier	3
Gravette Green Forest Green Mountain Greenbrier Greenwood	2946 2952 2962	Senton Carroll Stone Faulkner Sebastian	7 7 1 1	36 20 36 02 35 14 35 13	94 28 93 26 92 12 92 23 94 15	1350 1100 360 518	SS 7A	7A U. 7A U. 8A TI	lson B. Schmidt bed B. Wilson S. Forest Service homas E. Cantrell orothy M. Been	3	7	† Heber Springs 3 NE Danville SCS Salem	1835	Cleburne Yell Fulton	1 3	5 32 5 04 6 23	92 01 93 24 91 50	525 370 668	(4)	7A Lester B. Logan D oil Conservation S 7A Jas. B. Caldwell	3 er 3
Gurdon Hampton Hardy Barrison Beber Springe 3 SW	3098 3132 3164	Clark Calhoun Sbarp Boone Cleburne	- '	35 20	93 09 92 28 91 29 93 07 92 03	-	6P	MID TH	oy S. Robbs oil Cons. Service heresa Donaldson ea Gray Beene ayne Stark	3 3 2 3 5	С										
Hector Helena Henderson 2 M Bope 3 NE Hopper	3258 3428	Pope Phillips Baxter Bempstead Montgomery	1 2 7 4 3	35 28 34 33 36 23 33 43 34 23	92 58 90 35 92 16 93 33 93 41	555 200 580 375 700	6P 8A	7P Ez	orothy B.Spilsbury harley W. Friddell mil W. Bentzien ecil M. Bittle ona A. Sbields	3 2 3 5 3 2 3 5 6 3	с										
Boratio Bot Springs 1 NNE Huntsville Huttig Dam Index	3466 3540 3556	Sevier Garland Madison Union Little River	3	33 03	94 22 93 03 93 44 +92 05 94 03	60	5P	SP No MID Ma 8A Co	lizabeth W. Friday atl Park Service ay Pearl Markley orps of Engineers . E. McDowell	2 3 5 3 3	7 C C										
Jasper Jeesieville Jonesboro Keo Kingeland	3704 3734 3862	Newton Garland Craighead Lonoke Cleveland	7	34 30	93 04	730 345 230	6P 7P	7A M:	ottie D. Davis irs. Velma M. Dunn enedictime Sisters . A. Waller laudie W. Bunter	3 3 2 3 5 2 3 5	7 C										
Lake City Lamar 2 SW Langley Load Bill Lee Creek Guard Sta.	4019 4060 4106	Craighead Johnson Pike Boone Crawford	3 7	136 2	93 25	550 796 710	7P	MID PO	ressa St. Clair each Exp. Station label F. Forrester C. W. Kellogg LS. Forest Service	3 2 3 5 3	С										
Leola #Little Rock WB Airport Little Rock Filt, Pl. Lost Corner Louann 2 SE	4248 4250 4324	Grant Pulaski Pulaski Pope bnion	1 1 7	34 1 34 4 34 4 35 3 33 2	92 14 92 19 92 50	261 257 512 1550 130	MID	MID L 7A C	R. Rhodes LS. Weather Bureau L. R. Water Works atberine Russell Tora A. Bamilton	2 3 5 3 3 3 3	7 C	† Continuatio	on of a	Sugar Loaf Mo	untai	n rec	ord,				
† DRAINAGE CODE: 1. ARK	ANSAS	2. MISSISSI	IPPI	3.	UACB1T/	4. F	ED 5	5. SAII	NT FRANCIS 6. SAL	INE 7. W	HITE										

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbera with-

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issue of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles, Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and bail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of Arkansas may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Arrport Station, Box 1819, Little Rock, Arkansas.

- AM

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 Data based on observational day ending before noon.

 Adjusted to a full month.

 Data for recorded stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

- Hourly Precipitation Data). Trace, an amount too small to measure. Includes total for previous month. Tbis entry in time of observation column in Station Index means observation made near sunset.

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NWRC. ASHEVILLE. N. C. -- 8-12-55 -- 1005

CORRECTIONS

December 1954: Flippin CAA AP. Table 2, degree days should be 770.

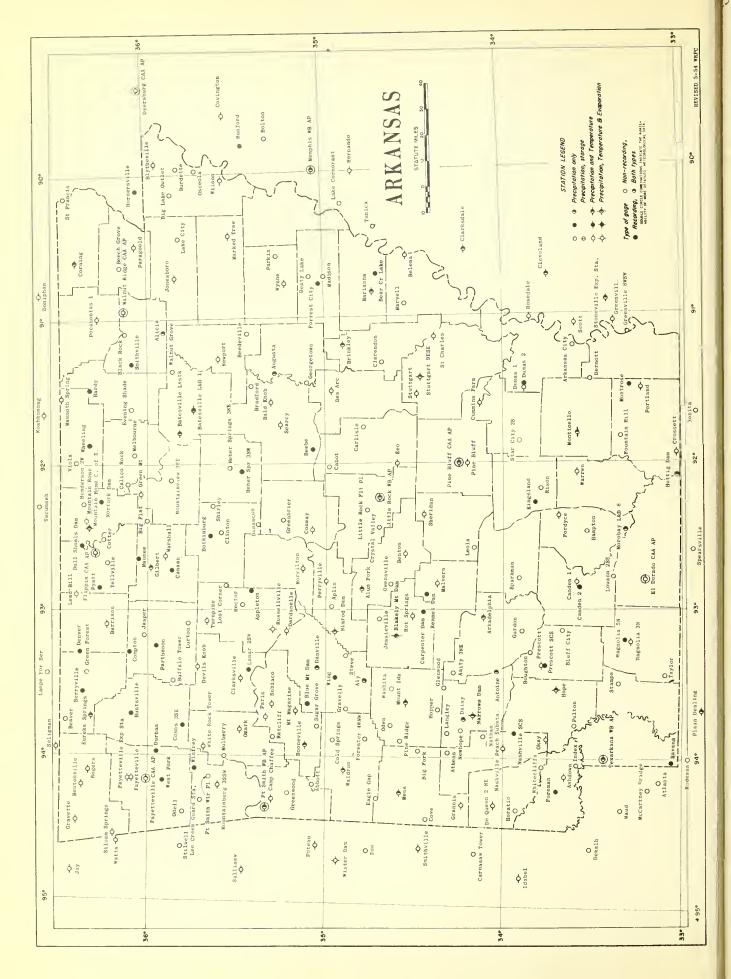
Flippin CAA AP. Table 5, maximum on 12th should be 42.

January 1955: Table 2, temperature departure for Division 2 should be -0.4 and for the State +0.1.

Eureka Springs, Table 2, greatest snow depth on ground should be 4 on the 10th.

Gilbert, Table 2 greatest depth on ground should be 4

March 1955: Monticello, Table 2, days with max 32° or below should be 0 and days min 0° or below 0.



U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

JULY 1955 Volume LX No. 7



ARKANSAS - JULY 1955

WEATHER SUMMARY

There were no unusual extremes of temperature for July but precipitation amounts varied from less than one-half inch to nearly 10 inches. The State average precipitation was 3.65 inches which is .07 inch above normal. Average temperature for the State was 81.7 degrees or 0.7 degrees above normal.

Over most of the State daily mean temperatures were normal or above except for the period from the 15th to 19th when they were slightly below normal. The daily maximum temperatures were not excessively high. Considerably less than half of the stations reported a high temperature of 100 degrees or higher. The highest reported was 104 degrees at Booneville on the 28th. The lowest temperature for the month was 60 degrees at Narrows Dam on the 2nd, Eureka Springs on the 3rd, and Mountain Home on the 22nd. The highest monthly average temperature in the State was 84.3 degrees at Fort Smith WB Airport; the lowest was 76.3 degrees at Mt. Magazine. Monthly averages were above normal over all of the State except in the southern tier of counties.

There were two rainy periods during the month--the 1st to 7th and 13th to 24th. During the first period, there were scattered showers. On the 14th and 17th rains were rather general but the remainder of the second period brought only scattered showers. Monthly precipitation totals ranged from .30 inch at Sugar Grove to 9.38 inches at Carlisle 1 SW. A few stations in the north central, east central, and southwest part of the State received monthly amounts of over eight inches. About half the stations received between two and four inches and a few stations in the west central and northwest received less than one-half inch.

July weather was generally favorable to growing crops. Pastures were good with cattle being in best condition in many years. According to the U. S. Department of Agriculture, as July closed, record crops of corn, soybeans, and sorghums were forecast. Hay production was estimated to be above last year but cotton and rice production was expected to be somewhat below that of 1954. The grape crop was expected to be only half as much as in 1954 and the apple crop was forecast at about 20% of the 1954 crop. The peach and pear crops were almost completely destroyed by late spring freezes.

STORMS

No tornadoes nor damaging hailstorms were reported during the month. Wind losses were estimated at \$10,000 and losses from electrical storms were estimated at \$32,000. Six persons were injured by lightning but no fatalities were reported.

At Clinton in Van Buren County on July 3, two women were seriously injured when lightning struck the house while they were washing dishes. On July 22 near DeQueen two persons were struck by lightning while seeking shelter under a large oak tree. On July 24 at Clarksville two persons suffered minor injureies as a result of lightning.

Fires started by lightning caused damage estimated at \$15,000 in Benton, Johnson, and Greene Counties on July 3-6; \$6,000 in Seiver, Little River, and Benton Counties on July 22-24; and \$4,000 in Union County on July 30. At Gainesville on July 6 in Greene County lightning struck, setting fire to a house; lightning had struck the same site 11 years ago.

Windstorms caused minor property damage in Johnson County on July 4-5; \$4,000 property damage in Jackson County on July 10; \$2,000 property damage in Benton County on July 15; and considerable crop damage in Phillips County on July 21.

In the central part of the State on July 24 electrical and windstorms caused considerable property damage. Lightning struck in Conway, Clarksville, Russellville, Little Rock, and North Little Rock with damage totaling \$7,000. Wind damage was mostly in Paris and vicinity and is estimated at \$3,000.

For an account of storms for the month in more detail the reader is referred to Climatological Data National Summary for July 1955.

Gilbert E. Stegall

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h		Rela	tive hun	nidity av	erages		Numl	per nº d	aya with	precipita	tion			986
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	s A c:	• 1	-		Trace	01-09	10-49	6609	00-1 99	2 00 and over	otal	Percent of cossible unshine	Average ky cover unrise to sur
FORT SMITH WE AIRPORT	ENE	23	6.0	27	N	2					4	-						,	4.
LITTLE ROCK WB AIRPORT	SSW	17	8.2	35	SW	2	٦,				14			1					6
TEXARKANA WE AIRPORT	-	-	-	-	-	-													-

Table 1

COMPARATIVE DATA

	Т	emperatu	T.e	P	recipitatio	ac		Te	emperatu	re	P	recipitation		Te	emperatu.	10	P	rocipitati	on
Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average snowfall	Year	Average	Highest	Lowest	Average	Average	
1891 1892 1893 1894 1895	76.5 79.0 80.9 78.4 78.9	103 104 103 108 104	50 52 59 51 55	7.24 3.58 2.94 3.98 7.34	.0		1916 .917 1918 1919 1920	82.8 79.6 79.6 81.2 79.8	106 106 111 104 105	55 40 49 54 52	5 1.91 4.22		1941 1942 1943 1944 1945	81.7 81.82.9 81.2 76.1	1 c	4, 4 47 49 4e	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	:	
1896 1897 1898 1899 1900	83.4 82.4 79.9 79.0 79.7	110 109 105 100 102	52 50 50 52 51	1.61 3.25 4.25 5.14 4.46	.0		1921 922 1923 1924 1925	82.0 80.2 79.9 79.0 81.8	107 106 105 -10 109	54 48 48 40 47	2.42 4.12 3.53 2.35 4.99		1946 1947 1948 1949 95	8 .6 78.3 80.5 81.1 76.8	1 - 19 1 - 19 1 - 3 -	6 2 4 f 11 1	.94 1f 4.1 4.		
1901 1902 1903 1904 1905	83.7 79.4 79.6 77.9 76.7	116 105 105 104 106	50 50 53 49 51	2.49 4.49 3.86 4.43 7.60	.0		1926 1927 1928 1929 1930	79.8 79.6 80.3 81.2 84.7	109 104 102 105 115	42 49 52 51 42	3.55 4.25 3.66 3.07 0.74	.0	1951 1952 1953 1954 1955	80.5 82.4 8J.2 85.8 81.7	116 104	49 53 61	4.6		
1906 1907 1908 1909 1910	76.7 81.4 79.2 81.9 79.4	99 108 103 106 105	48 53 48 50 41	5.96 1.96 3.00 2.51 5.46	.0		1931 1932 1933 1934 1935	81.0 82.5 81.4 85.5 82.2	106 108 109 112 107	48 50 55 57 53	6.00 5.00 5.01 .66 2.32	.0	ALL						
1911 1912 1913 1914 1915	78.4 81.3 81.5 82.6 77.1	106 104 104 107 107	43 56 55 54 43	4.83 2.82 4.31 2.69 2.40	.0		1936 1937 1938 1939 1940	83.3 80.4 82.0 82.0 78.4	114 106 109 110 103	42 52 59 55 48	4.90 3.71 3.74 3.34 4.14	.0	EAR'S	80.6			3.73		

BEGINNING WITH 1955, AVERAGES HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THE TABLE FOR EARLIEW YEAR .

CLIMATOLOGICAL DATA

TABLE 2

				Ten	npera	ture									P	recip	itation				
				la l					99	No	of I	Days			<u>~</u>		Snow,	Sleet, I	fail	No.	of Day
Station	Ачегаде	Average Minimum	Ачегаде	Departure From Norm	Highest	Date	Lowest	Date	Degree Day	Apo or	5 , 5	Min.	Total	Departure From Norm	Greatest Da	Date	Total	Max. Depth on Ground	Date	N 10	.50 or More
HIGHLANO OIVISION ALUM FORK ASHDOWN BENTON BENTONVILLE BOONEVILLE CAMP CHAFFEE CLARKSVILLE CONWAY OARDANELLE OE OUEEN	92.7 94.4 92.1 97.1 94.2 93.8 92.9 92.7 95.8	70.2 71.2 67.0 71.0 71.6 71.2 71.8 73.1	81.5 82.8 79.6 84.1 82.9 82.5 82.4	1.3 1.2 0.2 0.6	104 100 100 99 98	29+ 28 10 29 29 10	67 68	30 4 13+ 16 16 15+ 1 4+ 21	0 0 0 0 0	25 27 26 24 30 28 27 27 26 29	0000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.88 3.95 0.79 0.45 1.55 5.38 3.95 3.91	- 2.50 0.45 0.53	4.10 1.17 0.34 0.16 0.64 2.30	15 17 15 7+ 23 5 3	0 • 0 0 • 0 0 • 0 0 • 0 0 • 0 0 • 0 0 • 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		5 5 6 4 3 5 7 6 6 6	0 0 0 1 4 4 4 2 3

					Ten	perat	ure							P	recip	itation					
					al					No. o	f Days		a a	y a		Snow,	Sleet, F	fail	No		Days
Station		Average Maximum	Average Minimum	verage	Departure From Normal	ighest	ate	west	ate	Degree Days 90° or Above xeW 32° or xeBelow	Min.	otal	Departure From Normal	reatest Day	ate	otal	Max. Depth on Ground	ate	or More	or More	1.00 or More
PLEVILS KNOB EUREKA SPRINGS FAYETTEVILLE CAA AP FAYETTEVILLE CAA AP FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP FORT SMITH WB AP FT SMITH WATER PLANT GILBERT GRANNIS GRANVETTE GREEN MOUNTAIN HARRISON HOPE 3 NE HOT SPRINGS 1 NNE LEAD HILL LITTLE ROCK WB AP MALVERN MALVERN MAMMOTH SPRING MARSHALL MENA MOUNT IDA MOUNT IDA MOUNT HOME MOUNTAIN HOME MASHVILLE PEACH SUBSTA MIMROD DAM	AM R //	86.4 91.0 91.3 90.3 91.8 93.1 95.6 91.3 91.0 92.6 91.3 93.4 93.4 93.4 93.4 93.4 93.4 93.6 91.3 93.6	69 · 1 68 · 4 70 · 2 68 · 0 68 · 2 69 · 7 72 · 9 66 · 6 67 · 9 69 · 6 68 · 6 68 · 6 71 · 3M 70 · 8 70 · 8 70 · 8 70 · 8 70 · 8 70 · 9 68 · 6 71 · 9 69 · 6 60 · 6 71 · 3M 70 · 8 70 · 8 70 · 8 70 · 9 68 · 6 70 · 8 68 · 6 70 · 8 68 · 6 70 · 8 68 · 6 70 · 8 68 · 6 70 · 9 68 · 6 70 · 9 69 · 9 60 ·	77.8 79.7 80.8 79.2 80.0 81.4 84.8 80.0 80.3 80.4 79.2 82.1 83.3 81.0 83.4 82.6 81.1 82.6 80.1 80.1 80.1 80.1 80.1 80.1 80.1 80.1	0.7 1.2 2.0 0.8 2.0 1.1 0.4 1.0 0.9 1.5 2.1 1.0 0.8 0.0 0.8	93 97 96 99 99 97 99 99 101 100 99 99 99 99 99 99 99 99 99 99 99 99 9	29+ 30 30 28+ 30 29 30 28+ 10 29+ 28+ 31 11 11 29 28+ 11 29 28+ 11	62 60 61 63 65 1 65 1 65 1 65 63 65 64 62 2 69 65 65 65 65 65 65 65 65 65 65 65 65 65	4+ 3,77 64+ 4+ 5+ 1+ 22+ 4+ 17 22+ 40+ 17 22+ 41 19	0 5 0 0 23 0 0 0 25 0 0 26 0 0 26 0 0 26 0 0 26 0 0 27 0 0 27 0 0 27 0 0 27 0 0 28 0 0 0 27 0 0 28 0 0 0 27 0 0 28 0 0 0 27 0 0 28 0 0 0 27 0 0 28 0 0 0 27 0 0 28 0 0 0 27 0 0 28 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4.14 1.60 3.09 3.98 2.11 2.33 1.39 3.60 7.26 5.20 2.78 8.00 7.26 5.20 2.34 4.34 5.16 6.20 7.20 7.20	- 2.11 - 1.59 - 1.17 4.38 0.66 - 1.17 2.34 - 0.01 1.05 0.50 - 0.93 1.05 4.49 0.05 - 0.45 2.24 - 0.68	1 .86 0 .58 0 .63 2 .08 0 .75 0 .73 0 .50 1 .54 2 .60 0 .90 1 .10 1 .53 0 .72 2 1 .65 1 .35 1 .35 1 .35 1 .29 1 .20 1 .20	17 17 18 19 18 16 16 18 4 15 14 5 21 17 6 18 23 3 25 5 6 6 17 15 15 15 15 15 15 15 15 15 15 15 15 15	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	000000000000000000000000000000000000000	Date	5 3 8 4 4 6 6 4 4 8 8 6 6 8 8 8 8 8 8 8 8 8	09:	333333333333333333333333333333333333333
OKAY OZARK PARIS PERRYVILLE ROGERS RUSSELVILLE SHERIDAN TOWER SILOAM SPRINGS SUBIACO TEXARKANA WB AP TURNPIKE WALORON WHITE ROCK OIVISION DELTA OIVISION	AM R //	94.4 94.9 95.6 94.7 88.1 93.8 92.6 95.5 92.7 86.1 96.6 86.3	71.8 70.8 70.8 69.1 70.0 71.7 69.3 66.4 71.4 72.3 68.8 68.0 69.7	83.1 82.9 83.2 81.9 79.1 82.6 81.6 79.5 83.5 82.5 77.5 82.3 78.0	0.2 0.7 2.1 1.1 1.1 - 0.4	100 101 100 99 94 99 98 103 98 103 92 103 93	10 28+ 26+ 10 30 29 7+ 31 30 10+ 1+ 29 30	67 1 68 66 66 69 65 62 1 69 1 64 64 1	4 5+ 3 4+ 27 4+ 17 4+ 19 69 18	0 27 0 28 0 0 30 0 29 0 12 0 27 0 29 0 25 0 31 0 28 0 31 0 28 0 31 0 5 0 5 0 6			0.47 - 1.72 0.52 - 3.37 - 1.99 - 1.18 0.77 0.53 - 2.27	2.16 0.45 1.64 2.31 0.30 0.50 2.10 0.58 1.10 2.15 1.72 0.30	23 24 24 28 18 17 21 25 6 22 14 6+	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000			7 3 3 3 5 7	22 00 11 14 4 12 11 11 14 4 12 2 2 2 2 2 2 2
ARKAOELPHIA BALO KNOB BATESVILLE LIVESTOCK BATESVILLE LANO O NO 1 BLYTHEVILLE BATESVILLE CAMOEN 1 CORNING CROSSETT 7 S CUMMINS FARM OES ARC OUMAS 1 EL OORAOO CAA AP FOROVCE 6 W HELENA JONESBORO KEO MAGNOLIA 3 N MARIANNA 2 S MARKEO TREE MONTICELLO 3 S NEWPORT PARAGOULD PINE BLUFF PINE BLUFF PINE BLUFF POCAHONTAS 1 POCHONTAS 1 PORTLANO PRESCOTT SAINT CHARLES SEARCY	AM A	93.8 91.5 92.3 92.4 92.3 92.8 92.8 92.8 92.8 93.5 93.0 92.4 93.2 94.3 93.5 93.0 92.4 93.2 94.0 93.2 95.1 93.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94	71.8 71.2 66.6 70.1 74.0M 70.1M 72.1 70.9 70.3 70.9 71.2 72.5 71.7 71.0 71.6 70.8 71.4 71.7 71.0 71.6 70.3 70.3	82.8 81.4 779.5 81.6 83.2M 81.2M 84.0 82.2 83.4 82.3 83.2 83.2 83.2 83.4 82.3 83.2 83.2 83.4 82.3 83.4 83.2 83.4 83.2 83.4 83.2 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4	1.6 1.7 0.2 2.5 2.8 0.4 1.0 0.3 1.8 1.2 1.5 1.6 1.5 1.6 1.3 1.3 1.3 1.3 1.5 1.5 1.6 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	977 988 998 1022 977 988 966 999 1011 1000 988 987 977 988 980 1100 977 1000 977 989 989 989 999 999 999	10+ 10 9+ 30 10 28 10+ 28 27 10 11+ 11 27+ 27+ 10 11- 27+ 12	67 66 69 60 67 68 68 67 65 67 64 69 68	1+ 1+ 1+ 52+ 4+ 4 1+ 5235 1914 751+ 3+ 1+ 5055 2+ 2 1+ 10+ 11	0 27 (0 23 (0 24 (0 25))))))))))))))))))))))))))))		0 3 19 0 4 23 0 5 20 0 3 19 0 0 4 20 0 0 2 4 8 9 0 0 4 5 7 0 5 9 0 0 0 2 5 9 0 0 0 2 5 9 0 0 0 2 5 9 0 0 0 2 5 9 0 0 0 2 5 9 0 0 0 2 5 9 0 0 0 2 5 9 0 0 0 2 5 9 0 0 0 2 5 9 0 0 0 2 5 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.38 0.71 1.84 1.31 1.94 - 0.97 - 1.45 - 0.67 - 0.06 1.20 - 0.99 0.65 1.02 - 0.38 - 0.93 - 0.93 - 0.93	0.95 1.22 1.66 1.77 2.00 2.77 2.15 4.00 0.88 0.77 0.88 0.99 1.33 1.44 1.99 0.77 1.22 1.44 1.00 1.06 0.77 1.32 0.44 6.66 1.00	15 2 2 2 2 2 2 1 5 1 5 1 5 1 5 1 5 1 7 1 7 1 7 1 7 1 7		000000000000000000000000000000000000000		- Library	65 566888566458585665657596	3551 3332113322223442341312424
STUTTGART STUTTGART 9 ESE VALNUT RIOGE CAA AP VARREN VILSON VYNNE OIVISION STATE	АМ	94.5 91.5 91.7 94.1 92.3 91.1	73.5 72.1 72.5 71.9 72.9 71.5	84.0 81.8 82.1 83.0 82.6 81.3 82.2	2.7 0.2 0.6 1.8 0.3 0.7	101 99 98 100 97 97	10 12 28+ 10 28	69 69 68 66 69	21 1+ 5 1+ 5+ 6	0 28 0 21 0 24 0 27 0 25	0 0 0 0	0, 4.08 0 3.41 0 2.99 0 2.51 0 5.56 0 3.58 3.65	0.29 - 0.68 - 1.38 2.12 0.02	1.28 1.60 1.1 0.7 2.80 2.3	8 17 6 22 7 21 1 14 0 5	0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 0 0 0			7 8 6 6 6	3 1 2 2 4 2

DAILY PRECIPITATION

-	h. 1	0	2	

Table 3																															
Station	Total	Ĭ.	2	3	4	5	6	7	8	9	10	11 12	Da 13	y of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	0	565
ABBUTT ALICIA	1.32					.51	.01	*U.5				. 48		* 1 1	.7)						. 10										
ALUM FORK ALY AHITY 3 NE	1.23		T	•08 •01	.34		Ţ						* 10	2.0	.08			: 5						-11							
ANTO INE	4.75													+ 45	1.551			. "													
APLIN 1 W AKKADELPHIA AKKANSAS CITY ASHDUWN	3.17 3.19 3.03 5.88	Ŧ	.24		.59	-06	*0 h					• 3 U	.50 .52	.95 1.55	.05 .33	.0	. 10	.5.	•11		-1 1	.4-		. *	. 1						
ATHENS AUGUSTA	7.67						т	. 90								1. ~	-,-	. 115				*									
ALD KNOS ATESVILLE LIVESTACK ATESVILLE L AND O NO	5.21 2.08				.02 .u7	.06	.00	. 49						.02	1.20 1.70		1+4-1				.10										
EATY LAKE	8.31			• J š	- 05			2.05	1.6		• 0 5		1	.80	1.09	Т	.66 1.69	. 1	.32		. !		.1	. L.C							+7
EECH GROVE EEOEVILLE ENTON	3.76 2.14 3.95				.85	.08	.23	.75	. 15					+01	.68	. 7	.04 1.17				4.7	1. 7		+1 0	.J .Z						
ENTONVILLE ERRYVILLE 4 NW	.79			- 18	. ~ ~							т			.34	.12	. 1.		.11						. 1 ls						
IG FORK	3.08				T	.52	•77	. 40						.23 .53			.24			**()			1.44								. 1
LACK ROCK LAKELY HOUNTAIN DAM	2.29				.69	•13	•02	.60				. 36			.51			87	.25						.1 .						. 5
LUFF CITY LYTHEVILLE UUNEVILLE	6.96 4.57				.52	.31 T	.90	+27 +16						2.39	.01		.6.	. 24				3	1 * "								. 40
DUGHTON	1.22		.23	.51										3.04			.01														
RADEURU RINKLEY WEEALO TOWER	2.09 3.57 1.55				.04	.00	+04	1.57						.00	1.00	. :	.16		.17		. (7)			.45	*- 1						
URDETTE ABOT 4 54	5 · 73 1 · 52		Ť	T	1.53	. 88	+27	1.30							.25	.49		a 4a "			. (1)										
ALICO ROCK AMDEN 1	2.40	.26		.04	.13			.28						1.42				.1	+07			.01									
AMP CHAFFEE ARLISLE 1 SW	1.55 9.38 4.52			•01 T	.15		.10				.01			.10	2.55	.18	2. 1	.33 .L	+27		.10	1	.04	.72	•12					8.	
LARKSVILLE	5.38					2.30						.1	2	.71		+ 42	.48	.15			.00			.25						• 6 4	
INTON DLD SPRINGS DNWAY	5.62 1.64 3.95		1	1.10	.02	. 22	.30				т	.06		. 7		.40	3.71				.00	+ G T									
ORNING	4.89					2+19	7.0	+29	+25				.37		.33	+ 10		.55	+ 6 1						.87						
OTTER OVE ROSSETT 7 S	3.12 5.06 6.56		.12	T			.72	.10					.00	4.00	.90	4.73		.19 .51				- 1 to	013						• (.35,	
RYSTAL VALLEY DMMINS FARM	2.78				1.25								7	.27		. 42	+25	. 57 T			.32	+04			+82 T	.11				.85	
AISY	5.03			.37	.27									.01	.02	. 0	3.95	. 8	*1°			1.22	+1 14		. 11						
ANVILLE ARDANELLE E OUEEN	3.91 5.56			.26	.10		.13					.24	+12	+17	1.13		.48	.º5 .08	· Z	. 4		• 12	. 62		1.48	a 13 fe					٠
ERMOTT ES AKC	4.07		+12		.03	1+18	Ţ	.00					.00	1.40	.72	. J9 T	•50 • 2	-11			. 16	.48 .08	.10		. 2						
EVILS KNOB UMAS 1 AGLE GAP	3.01		_	• v 2	-96	- 38	-	_				- 114	. 89	•03 •33	- 58		.22	1 0 1 0		-80	+ 6 Ú		-01	:02	•0,e						
L OURADO CAA AP UREKA SPRINGS	2.99		T .30	•55								Ţ	.02	. 48	+09		т	. 10			. (5	.10 .58							. 04	.96	
VENING SHADE AYETTEVILLE	1.60 3.40 3.09		.50	•05	.03	+16	.18	.04				.58			+20 +40		.63	F . 43	. 55		.27	.10	.07		.2.					•09 •25	
FAYETTEVILLE CAA AP	2.11													+02		-	76	.47	.06	T	1.08	. U9	.11		• 0 5 • B						
FORDYCE 6 W	2.33	Т		• J 3 T		.73	.27						T + 2 U	. > 0	.18	. 2		+19	Т		.02									a () to	
ORESTER 4 WNW ORT SMITH WB AP R//	1.39		.35	. 32	• 1.7									Ť		1.10		.5.			Т	. 40									
FT SMITH WATER PLANT FOUNTAIN HILL	3.60	-	-	-10	-		-	-	-			- 10		.20	.13	-	-,		1.54			-	- 43	- 30	- 7	. 26					-
ULTON EORGETOWN ILBERT	1.89				.10	1.03	.10	.27	.30					.03	.,,	1.15	•1·	2.60	. 23			.17	. 43		2.12	+17					. 1
RANNIS	8.55		.02										0	1.10	.37		1.54	.11	.05			. 1	.4		* 8						i
GRAVELLY GRAVETTE	2.34			T							. 51			. 35	.23	. 0	.1 °	.15 .8				.17			1-6						
REEN FOREST	3.37				. 47		1.42 T	. 42							.33	. 7			. 9												
REENBRIER REENwOOD	3.79			Ţ									. 35	.40 .25 .22	2.00		.15				.01		.00								
URDON AHPTUN	3.36		*24 T	T	. 79	. 45	т							+22	.01		.1	.49			+14		.81								٠
ARRISON EBER SPRINGS 3 NE ECTOR	5.73 7.69 2.74				1.50	1.03	.18					.03	1.06	+32 +79	3.40	.1-	• 2 • 1	.06	. 71		.07	* 14 4	. 1.								
ELENA ENDERSON 2 M	3.79			.01	.08	.01 .06	T .43	1.40					1	.47	.83		: 5	. 39	.45		. 37	. 1									٠
IOPE 3 NE IOPPER	4.34		т	.43								.08	. 28	+ 26	1.08	T	.51	.8J				1 .42	.43		. 4						
DRATIO OT SPRINGS 1 NA&	3 · 48 5 · 16	3	т	.41										1.90	.16	+12	1000	.10			. 20	.1 6	+41	1+1 /	т						
NDE X	3.25		1.05	+03	+02							+21		.10	. 40	. 20	.40		. 20				. 1								
ASPEK ESSTEVILLE	5.40				.10 .26			4.6						.40	.48	1.27	1.40	.19	.20		.27	.06	+ U ==		111						
IONESBURO EO	3.99	.05		.14			. 20							. 33	.50	-11	1.95				1.38				.74					• 0 •	
AKE CITY ANGLEY EAD HILL	2.81 8.80					1.53	.40					+ ← Q	.30	. 80	1.45		2.25	.43		.15	. 30	+25	3.45								
EE CREEK EOLA	4.19 3.77 2.09	7			.02		+30				.02		.04			T		1.27	. 0						1+77					T . 72	T
STTLE ROCK W8 AP R/A		7	.04	• 71									.01 .01		T 1.60	T . 10	.04				.72 .28			1.58							
LOST CORNER LOUANN 2 SE	2.96)) T		.,,	-11		.21						.02	.70	.05	T		+15	. 6			.32	.13	. 28	• 2 -					.68	
LURTON MAOISUN	3.62	2				1.63	.71	1.09						. 30	.70			. 40 ()				1.14			.27						
MAGNOLIA 3 N MALVERN	3.02	2	.19	. 14	.74			.35				1		.35 .12 T	.19	.61 .6	1.05		.14 .07 .22	.30		1.	.05								•
HAMMOTH SPRING HARIANNA 2 S	5.05				T 7		.73	1.28						. 4	.50		~				. 5	. 1									1

See reference notes following Station Index. = 8

DDECIDITATION

											DĀ	IL	Y	PR.	EC:	IPI	ΤĀ	TI	NC														KANSAS
Table 3—Continued									-																_	_		_	-	-	-	JUL	Y 1955
Station	Total	-	_													y of n	_		177	10	10	00	01	22	0.0	0.4	05	0.6	27	90	00	00	01
	-	1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		23	24	25	26	2/	28	29	30	31
MARKED TREE MARSHALL MARVELL MELBOURNE MENBOURNE	4.6. 8.0 3.4. 2.8 3.9	6 1 T			1.12	.20		.30					Т	Т	Т	. 28 . 5 3	.27 .31 1.25 1.11 .55	.05	.03 .70	3.75	1.06	.72	T T 1.35	.95 .02 .16	1.81	• 49 T	.02	*10 T			•12	Т	
MONTICELLO 3 S MOROBAY L AND D NO 8 MORRILTON MOUNT 1DA MOUNT MAGAZINE	3 • 2; 3 • 3; 1 • 9; 5 • 7; 2 • 9;	2 .2	2.5	.40	.48 .51	•10	. 33	.34	т			1.17			.06	.82 .65 .22 .98	*11 *01 *02 *12	.23 T	.03 .36 T	•55 •29	.02	.07	•22	1.45 .16 .46 .05	.23 1.20		T 1.89 1.20				Т		.41
MOUNTAIN HOME MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY NARROWS DAM	2 · 8 · 3 · 1 : 6 · 3 · 3 · 2 · 7 · 1 ·	3 B O			*10 *25	.05	.02	.02 1.2b 1.04	.06				Т			.09	.53 .43 1.35 .75 .87	+18 +22	.95 2.70	.19	.18 .38 .52 1.10			.28 .60 .71	.05	т		* 04 T				.12	.15 .06
NASHVILLE PEACH SUBSTA NATHAN NEWHOPE NEWPORT NIMROD DAM	2.70 3.60 6.7 3.23 3.3	9 7 2			Т	.28	-17	1.01	.73				.03			.10 .04	.85 .08 .32 .70 .23	.10 T 1.00 T	.52 2.42 .75 T	.15 .10 4.00	.05 .01	.10	. 04 T	.07 T	.67 .78 .70		.06 .49 1.33						.35 .15
ODELL ODEN OKAY OSCEOLA OWENSVILLE	1.2 3.8 4.0 4.5 5.0	7			T +20	1.00			1.78	Т		т				.00	2.10		.08 .20 .95	•71 •19 •42 •10 •40	T			*18 *23	.10		.20 1.24						.03 .63 .04 .03
OZARK OZONE PARAGUULD PARIS PARKIN	1.4 5.6 3.6 3.0 4.4	0.			T T •10	•55	.29	.11 1.05 .40 .27				Т			• 02	.62 .25	T 1.45 T .63	•14 •65	.10 .52	T .05	. 28 T	Т	T	.04 .06 .25 .23	.45	+38					.02		
PERRYVILLE PINE BLUFF PINE BLUFF CAA AP PINE RIDGE POCAHONTAS 1	4.7 2.6 3.1 4.9 2.3	7 .0		T	•57	.01 .22 .29	.02	Т	1.37						T . 36	.28 .05 .03	.13 .06 .36	.76	.76 1.60 .70	.25 .11	•12 •16	т	.50 .02 .06	.08 3.00 .02	.56	2.31	.20 .56					•56	.03
PORTLANO PRESCOTT RATCLIFF RISON ROGERS	4 • 4 9 • 2 2 • 3 3 • 0 • 3	9 8 2 .0		.45 .03	.02			•55 •92	.15						. 13	2.00 4.60 .22 .05		.20 T .43	.15 .83	.22 .43 T .27	.02 .05		. 35		.05 1.17		.82 T				.36	.02	.02
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM SEARCY	2 • 1 3 • 3 4 • 4 3 • 0 4 • 1	8 5 8		.13	•11	.26		1.07 .03 .24		. 22	2				• 27	.17	.18 .17 1.02	.35	.12	.40 .11 1.05 .38		.60	•21 •13	*17 1*04		• 05	•03					• 05	т
SHERIDAN TOWER SHIRLEY SILOAM SPRINGS SPARKMAN 4 E STAMPS	4.7. 5.0 1.0 6.4 4.1	2 4 1		.08	.40	*18	.80	.09					• 10			.02 .23 2.70	.14 .40	.43	.40	.06 .42 1.53	.33	Т	2.10	1.17	.13		.18						.49
STAR CITY 2 S STEVE STUTTUART STUTTGART 9 ESE SUBIACO	2 · 8 · 2 · 3 · 4 · 0 · 3 · 4 · 1 · 9 ·	1 8 • 1			1.50 T		.20	.33 1.10	.03							.81 .30	.16	.51	1.28	.06 .07			.07 .12	.27 .33 1.66	т	1.80	.08 .03 .37	.01			Т	•10	. 84 T
SUGAR GROVE TAYLOR TEXARKANA WB AP R// TURNPIKE WALDRUN	2.4° 4.7 3.8°	9 1 1			• 30	.01	•16	. 14				•23 T	Ť			.24 1.10 1.72	.95 .01	•32 •50	.65 T	. 76	.09	.13	+28	2.15	.10 T	• 07					.09	. 03 T	T .56
WALNUT GROVE WALNUT RIDGE CAA AP WARKEN WASHITA	1.64 2.91 2.5 4.6	9 1 T 5		.04	т	• 36 T	.16 .19	.06 .75	•27						.07	. 27 . 17 . 71 . 40	T • 2 0		T +01 T 2 • 50	*10 T T	T 78	* 42 T	.20 1.17 .23		• 20	• 07 • 20			т	т	.40	.07	1.35

.10

2.80 .40 .35 .07 2.31 .33 1.63 1.48

.24 .95 .32 .09
1.10 .01 .50 .65
1.72 T T T .30
.07 .27 .96 .02 T .10
.17 T T .01 T T .63 .71 .20 .04 T T T
.63 .71 .20 .04 T T T .7
.40 .39 .39 .40 .25 .50 T .40
.65 .50 .12 .50 .12 .08

.19 .07 .20 .20 .44 .36 T

.73

3 .15 •26 •42 •20 T 1•17 •23 •19

WALNUT GROVE
WALNUT RIDGE CAA AP
WARKEN
WASHITA
WHITE ROCK

WHITECLIFFS WILSON WYNNE YELLVILLE

.30 2.49 4.71 3.81 .60 1.06 2.99 2.51 2.99 2.50 3.58 5.95

DAILY TEMPERATURES

Table 5		-					-		D	ΑI	LY	T	ΕM	1PI	ER.	AT	'UF	RES	S													RK -I	
Station																Day	Of	Mon	th														rage
ALUM FORK	TMAX	1 89	91	3 88	4	5	6	7	8	9	10	11	12	13			16	17	18	19	20	21	22		24			27	28	29		31	Ave
ARKADELPHIA	MIN	68	67	68	91 67 91	69	70	70	73	72	70	70	75	90 75	85 72	70	69	69	68	08	70	70	70	92	70	69	70	71	96 72	74	00	74	70.2
ASHDOWN	MIN	68	68	71	70	71	72	72	72	71	72	75	75	95 75	87	71	86 70	70	68	98 68	71	72	93	90	73	72	72	73	74	76	76	1	71.8
BALD KNOB	MIN	71	72	70	62	68	72	74	75	71	70	72	96 72	71	73	70	69	69	71	95 68	70	69	72	71	71	73	96 71	72	48 73	74	75	75	71.2
	MIN	67	67	71	67	91 67	69	70	70	09	96 72	92 71	91	74	73	70	71	85 73	76	70	71	72	71	71	73	93	72	71	96 73	95 75	74	74	91.5
BATESVILLE LIVESTOCK	MAX MIN	63	64	91 65	93 62	92	65	93	93 67	67	97 67	98	65	92 69	70	90 67	92 64	89	89	67	93 65	70	85 67	91 67	91	67	93 70	67	97 71	97 71			92.3
BATESVILLE L AND D NO 1	MIN	89 68	93 66	69	93 70	66	92 69	69	70	98 69	70	95 67	92 70	90	88 74	73	91	85 70	90 69	93 69	95 69	70	73	70	70	70	95 71	70	99 72	98 73		96 70	70.1
BENTON	MAX MIN	71	90	92	90	92	92	93	93	95	9.8	96	95	92	85	93 70	86 70	86 70	89 69	92 69	70	90 72	90 72	91 70	94 72	94 69	94 70	70	97 72	97 74		93 74	92.4
8ENTONVILLE	MAX	91	89 68	88	90	91 68	93 69	68	69	67	95 68	92 68	89 65	90 62	89 68	94 66	89 64	84 62	82 65	91 66	93 64	93	93 68	93 69	95 69	94 68	91 69	90 69	96 68	97 69			92.1 67.0
BLYTHEVILLE	MAX	89 70	94 74	98 74	93 67	93 67	90 71	95 73	91 74	92 76	94 78	94 76										91 77	89 72	89 73	88 73	88 71	92 74	95 77	95 78	94 77	95 79	94 77	92.4 74.0
800NEVILLE	MAX	93	92 72	91 71	92 69	93 70	95 70	99 72	99 73	73	101	99 69	97 72	96 69	90 72	97 70	94 67	88 70	94 72	95 69	100	98 ¹	99 72	98 69	97 71	101 71	101	70	104 72	102 : 72		99 75	97.1 71.0
BRINKLEY	MAX	89 69	100 70	90 72	87 62	88 73	89 70	90 67	90 74	96 68	98 80	98 71	95 70	92 70	86 73	91 72	88 72	88 70	87 71	92 69	94 67	92 66	93 66	90 66	93 66	94 66	102	95 75	94 73	97 75	90 74		92.3 70.1
CAMOEN 1	MAX	94 68	95 68	91 70	96 70	92 70	96 74	98 74	98 74	100, 73	102 72	101	98 73	97 74	94 74	84 71	93 72	91 72	87 70	91 70	96 70	98 71	95 72	96 70	94 73	95 72	98 74	94 73	99 76	101 75	75	72	95.8 72.1
CAMP CHAFFEE	MAX	94 73	92 71	90 71	92 69	94 70	97 71	98 72	99 75	97 71	100	97 76	95 72	94 69	92 73	92 70	93 68	83 69	86 72	91 71	94 69	96 71	95 72	94 69	94 71	83 70	97 72	98 71	97 73	98 76	99 75		94.2 71.6
CLARKSVILLE	MAX	92	90 71	92 71	93 70	91 69	93 72	94 71	96 72	97 73	98 74	97 72	96 72	97 72	90 72	88	86 69	85 69	88	94	95 69	93 71	97 69	94 70	94 71	95 68	96 72	97 71	98 :	100	98 76	94 73	93.8 71.2
CONWAY	MAX M1N	91 68	91 69	92 70	91 69	89 70	91 72	93 71	94 73	95 72	97 73	95 73	93 74	90 73	86 73	93 70	91 72	87 70	85 69	94 70	95 71	93 73	92 70	94 71	94 72	93	94 74	97 72	98 75	99 75	98 76	95 76	92.9
CORNING	MAX	92 72	92 72	96 72	92 72	95 67	92 71	92 72	93 72	95 75	97 75	95 73	93	92 73	92 7 5	84	91 69	92 72	86 72	89 71	92 75	94	94 74	92 73	92 72	87 71	94 76	96 76	97 77	97 77	97 77	94	92.8
CROSSETT 7 S	MAX MIN	90	92	92	93 68	92	93	93	94 72	95 70	98	97 73	96 71	91 74	80 72	85	82 69	87 71	89 70	91 65	95 65	92 72	88 70	91	92 71	95 72	96 71	96 72	96 75	96 73	94	93	92.1
CUMMINS FARM	MAX	89 67	90	93	89	92	93	94	95 73	96 71	96 72	96 73	95 75	90	81 72	90	86 68	85	89 70	92 68	94	92	89 73	91 72	93	94	95 71	96 72	96 73	96 75		91	92.0
OARDANELLE	MAX	91	91 73	85	90 70	93	93	95	96 75	96 75	98	97	94	92	85 73	92	88	87 72	87	92	93	93	91	93	96	93	94	95	96 75	97	97 77	93	92.7
OE QUEEN	MAX MIN	94	93	94	97	96	98	98			102	99	96	95	94	94	86 66	86 67	91	94	96 67	97	96 70	94	96	96 70	97		100	99	100	96	95.8 69.0
DES ARC	MAX	90	89	92	93	91	93	93	95	95	97	95	95	95	90	86	92	88	89	88	93	95	95	93	93	93	95	96	97	98	99	96	93.2
DEVILS KNO8	MIN	83	83	70	69	67	70	86	73	72	90	74 89	73	72 88	73	86	70	76	69	70	71	70 88 73	70	71	72	87	72 88 70	72 90 72	73 91 75	93	75 93 77	89	71.2
OUMAS 1	MAX	94	94	91	95	97	97	70 96		71		72 98	95	68	82	82	89	85	91	96	99	90	91	93	94	97	98	99	98		97	70	94.3
EL DORADO CAA AP	MIN	93	69 91	93	70 93	71 93	71	70 93	74	73	99	75 96	75 95	90	82	86	87	70 89	71 89	68 92	71 95	73	72	71 91	92	73 93	74 95	75 99		77 96	75 97	75	72.5
EUREKA SPRINGS	M1N MAX	89	68	88	71	71	90	75 92	92	74	73 95	91	75 90	74	71	94	86	82	82	90	92	93	71	68 93	72	73	72	73 95	76 95	73	97	73	71.7
FAYETTEVILLE	MIN	89	70 89	90	91	67 91	92	72 93	73	74	70	68	91	91	6 9 8 9	93	89	82	82	68 91	67 91	92	68	70	69 91	69 92	72 93	73	71 -	94	96	93	91.3
FAYETTEVILLE CAA AP	M1N MAX	87	71 87	71	70	71 90	73	73	72 92	73	73	93	70 89	90	70	68 93	67	67	82	89	90	68	69 91	70	92		73	71	71 95	73 95	72 95	71]	70 • 2
FAYETTEVILLE EXP STA	MIN	69 87	70 88	89	90	91	72	70	72	95	68 95		67 91		69 91		1		83							70			68 97		70		68.0
FLIPPIN CAA AP	MIN	91	70	68	66 92	69	72	71	72 96	72		67	93	92	83	65 94		65 84	66 86	66	66 95	92	68 91	67 94		68	71	70	68 98	70		68	68 · 2 93 · 1
FORDYCE 6 W	M1N MAX	70	68		68	67	68	70 95	73	71	71		71	70	71	67	66	65	68		70	70		70	72	68	72 96	70	71	71		71	69.7
FORT SMITH W8 AP	M1N MAX	68	70	67		67 94	72	74	74	72	71	73	74	70		72	70	70	69	68	70	72	69	70	721	72	73	74	74	74	71	72	71.0
FT SMITH WATER PLANT	MIN	71	72	72		71	73	74 96	76 96	73	74	73	75	73	74 88	72	70	71	72	72	72	72	72	72	71	71	74	72	75 97	78	77	75	72.9
GILBERT	MIN	71	71	67	66	66	68	67	66	66		65	66		67	65	65	65		66	64	65	66		681		67	66	67	69	69	69	66.6
	M1N	67	65	66	66	66	67	64	69	68	69	69	69	67	73	67	66	63	67	68	67	69	69	70	70	68	67	67	67	72	73	71	67.9
GRANNIS	MIN	68	68		66	68	77	74	71	70	70	70	72	72	71	6.8	65	68	70	66	68	69	69	67	69	68	69	70	70	72	74	71	91.0
GRAVETTE	MAX MIN	89 68	89 69	90	90 65	90 68	92 71	93 71	71		68	68	92° 78	65		65	65	66		65	92 65	65	67	69	95 6 9		71	69		70	70	70	92.6
GREEN MOUNTAIN	XAM N1M	90	89 66	90	88 64	90 66	88	90 65	66	68		68		64		88	70	64	64	68	88 70	69		92 72	74	92	70	96 70		98 76	99 76		91.3
HARRISON	MAX	89 67	90 67	86 67	90 66	86 65	92 67	92 69	93 71	70:				90 65	84 68	95	90 67	63	86 66	68	93 65		92 62	93 63	93 63	94 62	95 67		95 69				91.7
HELENA	MAX	92 72	95 72	95 73		90 70	91 72	94 69	95 75	98 75			95 76	89 74	81 74	89 73	87		89 70		96 73			89 72	90 74	94 71	96 77	98 77	100	99 77	97 77	95 75	93.0 73.4
HOPE 3 NE	MAX	93 70	90 70		91 68	92 71	93 73	93 73		95 73			97 75		93 73		1		83 68		91 69	94 71	72	92 69		92 69	94 72	95 72	96 73	96 74	97 76		92.8 71.3

DAILY TEMPERATURES

ARKANSAS JULY 1955

Table 5 - Continued										- 11				11 1		_															JU	JLY	1955
Station									_							Day	Of	Mon	th							, 1						_	erage
HOT SPRINGS 1 NNE	MAX	1 88	90	90	4 93	93	6	7	97	9	10	11	12	13 95	82	15 89	16	17	18	19 92	20 95	93	22	93	93	93	26 95	98	98	98		96	93.3
JONES80RO	MIN	71	70	72 96	69	73	76	75 93	76	77 97	77	74	76 90	75 89	73	72 91	71	69 86	70 89	70 93	72 93	73	71 91	69 91	72 95	71 94	75 95	77 98	75 97	78 95		75 93	73.3
KEO	MIN	70	72	71	71	66	70	69	74	74	76	73	72	75 92	73	93	69 89	71 87	71 89	73 93	75 94	74 92	72 89	71 92	73 96	71 95	76 95	75 96	75 96	78 96	77	71	72.5
LEAD HILL	MIN	67 90	67 92	70 90	68 93	70 91	70 93	71 93	71 94	71 96	70 98	71 95	75 93	73 93	73	94	70 90	70 86	68 91	69 95	71 95	72 90	71 95	71 92	93	70 95	72 9 6	72 97	73 98		75	95	71.1
LITTLE ROCK W8 AP	MAX	90	92	90	90	92	94	95	71 95	97	99	68 95	93	90	87	93	88	86	88	93	96	92	70 90	70 93	94	71 95	96	98	70 98	71 98	97	73	93.2
MAGNOLIA 3 N	MIN MAX MIN	90	69 90 69	71 91 68	70 91 69	72 92 70	73 93 72	73 93 72	75 93 72	74 94 72	76 97 70	77 97 72	78 95	77 90 72	74 85 73	72 88 73	72 87 70	72 82 68	70 89 68	71 93 69	74 93 68	72 94 69	71 90 71	72 91 69	72 92 70	71 97 73	74 94 72	76 96 70	78 96 72	97 73	97	76 91 72	73.5 92.2 70.8
MALVERN	MAX	89	91	91	94	95 70	94	95 71	95 71	98	98 71	97 73	95 76	93	84 72	93	89	88 70	97	98	95 70	95 70	94 72	93 70	94	94 70	96 71	97 71	99	99	98	95	94.3
MAMMOTH SPRING	MAX	93	95 67	94	94	94	93	95 68	96 69	94	98 70	95 67	92	91 69	85 72	84	92 65	84 68	89 70	97 69	95 70	94 68	92 68	94 69	86 72	95 68	97 70	98 70	99 71	98 73	97	94	93.4
MARIANNA 2 S	MAX	92		93 69	93 69	92 68	90 68	91 68	91 73	93 72	95 74	97 73	94 74	91 73	88 73	80 73	88 70	85 6 9	85 70	85 71	91 70	94 73	91 68	89 71	95 73	91 70	93 73	95 73	95 74	96 76		93	91.4 71.4
MARKEO TREE	MAX MIN	91 69	92 70	95 71	95 71	95 67	93	95 69	95 71	95 72	98 75	96 74	94 70	92 73	90 72	82 73	92 71	90 71	88 70	91 72	94 72	95 71	90 69	92 71	90 70	93 70	95 74	97 7 5	97 75	97 76		95	93.2 71.7
MARSHALL	MAX	88	89 70	89 67	89 67				94 67	95 68	95 69	93 67	90 68	88 67	85 73	92 66	89 70	86 68	83 67	90 67	93 66	90 69	92 67	94 71	91 69	93 69	93 73	95 73	95 71	95 72		90 69	91.1 69.0
MENA	MAX	89 71	89 71	90 70	92 68	93 72	94 72	94 73	95 73	97 74	97 73	95 70	92 73	91 72	86 71	90 69	85 69	83 71	88 70	90 68	91 69	93 69	91 69	87 67	90 72	91 69	91 72	93 72	94 71	96 71		90 70	91.3 70.8
MONTICELLO 3 S	MAX	91 67	92 68	93 67	93 70	95 67	95 73	94 73	95 74	97 73	99 65	100 76	95 75	90 69	80 69	88 72	89 73	87 71	92 69	92 67	95 68	93 74	90 71	92 70	92 71	94 74	96 72	97 72	96 71	94 73		97 73	93.2 71.0
MORRILTON	XAM NIM	90	90 69	89 70	90 70	91 71	94 71	95 71	95 76	97 71	98 72	95 72	93 75	90 75	87 74	94 71	91 71	86 70	89 70	93 71	95 71	93 73	92 70	95 70	97 71	95 69	97 71	97 71	99 7 2	100 73		96 74	93.6 71.6
MOUNT IOA	MAX	90 73	90 72	90 67	90 65	92 68	92 67	93 75	94 76	95 71	96 68	98 68	97 69	92 67	90 73	86 69	91 70	86 69	81 70	90 66	90 67	93 68	95 69	93 69	93 70	93 67	93 68	94 68	96 69	96 72		97	92.4 69.4
MOUNT MAGAZINE	MAX	83 65	80 65	81 65	83 65	82 68	83 68	85 70	87 69	87 70	92 63	86 71	84 76	83 69	79 67	85 68	81 65	80 62	80 66	82 67	88 65	86 67	87 71	85 69	85 71	85 67	88 70	89 69	90 76	85 71			84.5 68.1
MOUNTAIN HOME	MAX	89 68	90 67	88 67	90 68	90 66	90 67	92 68	94 71	95 69	96 70	94 70	92 71	92 68	93 69	90 67	87 65	82 66	87 67	90 70	93 70	92 70	91 60	92 60	88 60	94 76	94 71	96 73	97 72	98 74		93 72	91.8 68.6
MOUNTAIN HOME C OF ENG	MAX	87 74	89 67	8 9 6 8	87 69	91 68	90 68	91 68	92 71	94 70	95 71	97 70	93 72	91 68	90 74	84 69	94 66	89 66	83 68	87 71	93 70	95 72	90 70	92 70	94 73	87 69	93 70	94 70	99 72	98 73		96 73	91.6 70.2
NARROWS DAM	MAX	69	60	67	65	67	67	67	68	68	68	70	71	70	74	70	70	69	68	65	67	67	70	69	69	69	68	68	70	73	72	72	68+6
NASHVILLE PEACH SU8STA	MAX	92 69	92 69	90 68	90 67	93 68	95 68	96 70	96 70	96 70	97 70	100 74	100 76	95 74	97 74	90 70	89 67	85 68	85 69	87 67	90 69	93 70	95 72	92 69	90 70	91 70	94 69	95 70	96 72	98 73		99 74	93.4 70.3
NEWPORT	MAX	94 68	95 70	97 72	98 68	92 67	96 70	96 69	96 71	98 70	98 73	96 71	96 72	92 74	85 73	94 72	92 72	89 71	92 77	94 70	96 71	94 71	93 73	95 70	93 73	9 7 70	98 73	100 72	100 73	100 76		9 6 73	95.1 71.6
NIMROO DAM	MAX	90 70	91 69	93 68	90 68	92 70	93 70	93 70	95 75	97 71	99 70	100 70	98 70	95 72	93 68	87 68	94 69	90 6 9	88 68	85 67	93 70	96 70	96 69	95 68	96 71	96 68	95 70	96 69	97 71	98 73		99 71	94.2 6 9.9
OKAY	x A M N I M	92 71	93 71	92 69	94 68	95 71	96 73	97 74	96 74	97 73	100 72	99 72	98 73	96 72	91 75	88 70	88 70	86 71	88 71	93 69	94 70	95 70	94 73	91 70	93 72	95 73	96 72	98 72	98 73	98 74		95 72	94.4 71.8
OZARK	MAX MIN	91 69	92 71	92 70	94 69	92 68	94 70	91 72	97 71	98 76	100 72	100 71	97 72	94 70	89 72	94 67	94 68	87 67	89 71	92 78	93 69	97 70	92 69	92 70	97 70	97 69	97 70	99 70	101 72	101 73		97 73	94.9 70.8
PARAGOULD	MAX	92 67	93 68	94 68	95 69	90 64	93 68	91 69	92 73	96 72	95 73	92 72	91 68	89 68	86 73	89 67	89 68	89 67	87 70	92 71	93 72	91 71	91 71	90 70	90 70	92 70	94 74	97 72	97 72	96 75		92 71	92.0 70.3
PARIS	MAX	95 71	93 71	92 69	95 68	91 69	94 70	98 71	99 78	99 71	98 72	98 70	96 71	95 70	90 71	94 70	95 69	88 69	90 71	94 69	96 68	97 70	96 70	95 70	97 70	95 70	100 71	99 74		100 74		97	95.6 70.8
PERRYVILLE	MAX	92 67	91 75	93 66	91 68	94 69	96 68	97 69	97 69	96 68	99 78	98 68	95 70	94 71	88 73	97 69	91 68	88 68	92 67	94 67	96 68	95 69	93 68	96 67	98 67	94 68	97 68	97 68	98 69	98 71		94 70	94.7 69.1
PINE BLUFF	MAX	89 70	93 69	89	92 71	94 76	95 73	96 74	98 75	99 75	100 76	98 75	96 76	92 76	83 74	93 75	89 75	87 71	89 70	93 70	96 74	90 75	92 72	93 72	95 75	97 74	98 75	98 76	98 77	99 78			94.0 73.9
PINE BLUFF CAA AP	MAX	88 69	91 68	92 71	90 71	94 71	95 72	95 72	95 73	96 73	98 72	96 74	94 76	91 74	84 73	92 70	89 70	85 70	87 70	92 69	95 71	89 73	91 72	93 71	95 74	96 72	97 72	95 73	97 75	98 76			92.9 72.1
POCAHONTAS 1	MAX MIN	91 69	93 69	92 68	94 68	93 66	92 69	92 68	93 72	98 71	98 73	94 72	91 70	92 74	88 74	90 67		90 66	90 71	94 69	95 72	92 71	92 70	93 69	90 72	95 71	97 72	100	100 72	99 75		95 73	93.6 70.7
PORTLANO	MAX	87 68	89 68	90 68	90 70	90 72	89 71	91 72	90 72	92 72	93 72	94 75	97 76	94 74	84 72	75 72	85 70	82 71	84 70	85 69	90 68	92 70	90 71	87 71	87 70	89 70	90 73	93 73	95 75	94 75			89.5 71.5
PRESCOTT	MAX MIN	94 69		90 69	90 69	92 70	95 72	94 73	96 72	97 73	99 72	99 74	99 75	94 74	93 72	89 68	89 67	87 68	80 67	90 67	90 68	94 71	96 71	92 68	92 68	93 72	95 72	96 72	97 75	99 75			93.4 71.0
ROGERS	MAX MIN	86 69	86 70	86 69	86 66	87 70	88 70	90 72	90 7 2	89 70	9 0 7 1	89 71	86 70	87 67	85 71	89 67	85 67	79 68	77 68	87 68	88 68	89 70	90 70	88 70	90 72	91 71	92 72	93 72	91 71	93 73		91 72	88•1 7 0 •0
RUSSELLVILLE	MAX	92 72	90 70	87 70	91 69	93 73	93 72	96 72	97 73	97 71	97 72	97 72	94 74	90 73	87 74	94 70	90 71	89 70	85 71	93 70	95 70	94 72	92 69	94 70	95 72	95 71	96 71	97 72	98 73	99 75			93.5 71.7
SAINT CHARLES	MAX	91 69	92 70	93	93 69	91 70	89 70	91 71	94 74	95 74	97 74	98 74	95 75	93 72	89 73	81 74	89 71	86 69	87 70	90 70	94 71	96 73	95 70	90 71	90 74	92 71	94 75	95 75	97 75	9 7 7 7			92.4 72.2
SEARCY	MAX	93 64	91 67	93	92 68	93 68	94 69	94 69	94 70	97 69	98 72	94 72	91 73	91 73	87 72	92 65	89 70	85 69	87 69	92 69	95 71	94 72	90 71	91 72	94 74	94 71	94 74	97 72	97 74	97 76			92.9 70.8
SHERIOAN TOWER	MAX		89 65	91 67	92 66	93 65	91 68	98 70	97 70	98 69	98 70	97 70	93 72	90 70	85 7 2	93 70	91 70	90 69	90 70	93 68	94 69	93	94 68	94 69	95 69	95 69	95 69	97 71	98 72	97 72	98 9	98	93.8 69.3
SILOAM SPRINGS	MAX	87 67	88 68	89 68	89 65	90 67	91 70	93 69	94 70	95 68	95 66	97 68	95 68	91 64	92 67	93	95 63	91 62	85 66	84 63	93 63	94 63	90 63	97 67	94	96 67	93 68	94 67	95 66	97 68	97	98	92.6
STUTTGART	MAX	91 78	95 70	93 73	94 71	96 71	96 72	96 72		100		98 75	96 76	90 75	82 74	92 7 5	89	88 71	90	95	96 74	93	91 72	92	95 75	97 72	98 75	98 76	98	99 78	99	93	94.5 73.5

Table 5 · Continued									D	ΑI	LY	Т	ΕN	1PI	ER.	ĀΤ	UF	RES	S														
Station																Day	10	Mon	th														age
		1	2	3	4	5	6	7	8	9	10	11	1.7	15	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
STUTTGART 9 ESE	MAX	89 69	89	91	92	90	90	92"	93	9	96	QH	00		117	H 1	100	N 6	0.6	47	6.3		15.5	0.0	0.0			-	-01		-		91.5
SUBIACO	MAX M1N	93	93	92	93	91	93	97	98	9.7	97	9.7	95	44	* ()	94	43			94	9.5	9.7	in	0.7	9.6	0.6	O.H			102	16.3	00	95.5 71.4
TEXARKANA WB AP	MAX	91 71	90 70	91 71	91 70	92 71	93 72	94 74	95	95 74	98	98 7	96 75	94 73	1	86 70		87		12	7	14	#1	91	92	93 75	94	95 75	97 76	95 75	97 76	94	92.7 72.3
TURNPIKE		92	91	84	85	5	84	87	89	91	89	89	85	dı	16	8		18	4	9	9.1	84	H 3	4	8.4	9.7	AA.	211	0.1	0.2	0.1	Ru	80 · 1 68 · 8
WALDRON	MAX MIN	94 72	93 71	92 67	96 65	95 67	94 68	98	99 71	100	0.	97 66	95 67	95	91	95 67	93	3. D#		17	9.	97 67	98	95 66	97	49 67	99	10 1	101	1 (3	101	98	96.6
WALNUT RIDGE CAA AP	MAX	90 71	93 71	93 71	94 69	91 68	89 71	90 71	93 74	90 74	95 74	94 72	92 71	90 75	8 U 7 2	92	89	8.	88	42	92 74	87 73	71	92	85 72	71	95 76	97 75	98 75	98 78	95 77	93 74	91.7
WARREN	MAX MIN	91 66	93 66	94 67	94 71	95 71	95 71	97 73	97 73	98 73	1100 74	75	96 75	91 72	82 74	92 73	89 72	84	92	00	46	89 72	93 71	70	94	95 74	97 75	99 76	99	97 75	47 75	93 74	94.1 71.9
WHITE ROCK	MAX	82 66	82 66	83 68	85	86 66	87 70	88 70	89 70	89 72	89 73	91 74	86 71	87 71	79 69	86	81	74	70 05	35 67	87 68	89 73	88	89 70	88	88 68	89 73	90 70	91	91 75	93	88 71	86.3
WILSON	MAX	90 70	93 73	94 74	93 75	90 69	95 71	91 73	92 74	96 74	95 74	94 73	93 73	90 72	91 72	91 72	89 70	8 7	91 69	93 72	95 72	89 71	89 72	88 73	88	92 75	96 75	96 73	97	96 75	94 75	92 77	92.3
WYNNE	MAX	90 71	91 71	91 72	90 74	91	92	92	92	95 72	9 7	93	90	87	80	90	87	87	86	92	93	90	88	90	91	93	94	96	97	96	93	90	91.1

Table 6

EVAPORATION AND WIND

																	Day o	of mor	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
BLAKELY MOUN AIN DAM	EVAP																															-	8.448
HOPE 3 NE	EVAP																																7. 178 53 B
MOUNTAIN HOME C OF ENG	EVAP WIND	. 26	.28	. 25	. 1	.18	.26	.19	. 9	. 29	. ∠8	. 9	.3	.30		. 9	.27	.17	.11		16		.15	1	.25	.15	.22	7	.28	.30	. 30	.25	7.J8 53.E
NARROWS DAM	EVAP WIND	.30	.25	.23	.21	.18	.31	.34	.37	. 32 36	. 36	.34	.35	.27		.17		19	.12 16		. 8		. 28	.16	.10	.31	.39	.28	. 10	12	.22	.45	8.318 761
NIMROD DAM	EVAP	.24	.27	.16	. 18	.17	.24	.18	.27	.29	. 26	. 28	.24	.24			. z 4 25	.18	.13	.13	19	. 29	. 24	.23	.26	.3	. 25	. 29	. 27	. 26	.28	.19	6.97 601
RUSSELLVILLE	EVAP W1ND	. 26	.27	.10	. 7	.23	. 24	.28	.28	. 9	. 27	.29	.25	.14		.18		.19	.13	.18	. 1	.19	.13	.16	.31		.3_		.23	. 27	. 24	.32	6.73 267
STUTTGART 9 ESE	EVAP	. 24	.21	.12	.29	.13	.14	.21	- 49	.30	.20	.28	.16	26	.09	.06	.20	.11	.11		.21	. 24	. 9	. 31		.21	. 33	. 25	.22	.22	.18	.18	5.678

					Obser-							_				Obs	ser-		JULY 1	955
Station	N County	Drainage † Latitude	Longitude	Elevation	Temp.	Observer	Refer to table		Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Temp. Temp.		Observe.	Refer to tables	
Abbott Alicia Alum Fork Aly Amity 3 NE	0006 Scott 0064 Lawrence 0130 Saline 0136 Yell 0150 Clark	1 35 04 7 35 54 1 34 48 3 34 47 3 34 17		624 256 755	7A 7A 5p Sp 7A	James V. Williams Ruby B. Owens L. R. Water Works Curn B. Sweim Mrs. Alta F. Garner	3 3 2 3 5 3 3	000	Lurton Madison Magnolia 3 N Magnolia 5 N Malvern	4528 4548 4550	Newton St. Francis Columbia Columbia Hot Spring	5 4 4	35 46 35 00 33 19 33 20 34 23	93 05 90 43 93 14 93 13 92 49	360		7A E	ola 1. Dollar aul L. Smith arl E. Graham rk. Pwr & Lgt Co. Galvern Fire Dept.	3 3 2 3 5 7 2 3 5	С
Antoine Aplin 1 W Appleton Arkadelphia Arkansas City	0178 Pike 0188 Perry 0196 Pope 0220 Clark 0234 Desha	3 34 02 1 34 58 1 35 25 3 34 07 2 33 37	93 25 93 00 92 53 93 03 91 12	285 400 522 200 145	7A W1D 6P 6P	Drew A. Lamb Hobart Watts John A. Jones Hilinan E. Lawrence John W. Trammell	3 3 2 3 5 3	c	Mammoth Spring Marianna 2 S Marked Tree Marshall Marvell	4638 4654 4666	Fulton Lee Poinsett Searcy Phillips	5	36 29 34 44 35 32 35 54 34 33	91 32 90 45 90 35 92 38 90 55	690 234 229 1050 195	SS 8A 7A SS	7A 9	ohn H. McKee iniv. of Arkansas illiam M. Crick irs. Minnie Horton terlin Wallace	2 3 5 7 2 3 5 7 2 3 5 7 2 3 5 7 2 3 5	С
Ashdown Athens Augusta Bald Knob Batesville Livestoc	0286 Little River 0300 Howard 0326 Woodruff 0350 White 0458 Independence	4 34 19 7 35 17 7 35 18	94 08 93 58 91 22 91 34 91 47	230	7A 7A 6P 6P	Southwestern G & E Arra D. Parker David G. Griffiths Univ. of Arkansas Univ. of Arkansas	2 3 5 3 3 2 3 5 2 3 5	С	Maumee Melbourne Mena Monticello 3 S Montrose	4746 4756 4900	Searcy Izard Polk Drew Ashley	7 3 3	36 03 36 04 34 35 33 35 33 19	92 39 91 54 94 15 91 48 91 29	749 610 1207 285 125	6P 5P	7A 1 7A 1 5P /	erne N. Davenport van L. Shrader J. W. St. John Jrkansas A & M Col. Jrk. Pwr & Lgt Co.	3 2 3 5 7 2 3 5 7	0 0 0
Batesville L & D 1 Bear Creek Lake Beaty Lake Beaver Beebe	0460 Independence 0496 Lee 0512 St. Francis 0518 Carroll 0530 White	7 35 45 7 34 43 5 35 05 7 36 28 7 35 04	9I 38 90 42 90 43 93 46 91 53	277 220 400 930 250	MID SP 7A	James J. Mitchum U.S. Forest Service L. G. Adamson H. E. Skelton Lowell E. Perkins	2 3 5	C	Morobay Lock & Dam Morrilton Mount Ida Mount Magazine Mountain Home	4938 4988 5010	Calhoun Conway Montgomery Logan Baxter	3	33 19 35 07 34 33 35 10 36 20	93 41	85 280 663 2800 800	5P 7A 7P 7P	7 A E	orps of Engineers mma S. Leavell illiam E. Black .S. Forest Service . H. Halbert	3 2 3 5 2 3 5 2 3 5 2 3 5 2 3 5	с . с
Beech Grove Beedeville Benton Bentonville Berryville 4 NW	0534 Greene 0536 Jackson 0582 Saline 0586 Benton 0616 Carroll	7 36 09 7 35 26 6 34 33 1 36 22 7 36 26	91 06 92 37 94 13	221 285 1295	6P 8A 6P 7A	B. B. Bammond P. M. Breckinridge Mrs. Etta C. Burks Earle L. Browne James C. Mayes	3 3 2 3 5 2 3 5 3	С	Mountain Home C. of E. Mountain View 1 W Mountainburg 3 SSW Mulberry Narrows Dam	5046	Baxter Stone Crawford Franklin Pike	1	36 20 35 52 35 36 35 34 34 10	92 23 92 08 94 12 94 01 93 43	800 768 730 500 425	8A 5P 8A	7A h 5P 7A h	Corps of Engineers iddred E. Ward CLDSED denry G. Arvin corps of Engineers	2 3 5 6 3 11/10/54 3 2 3 5 6	c
Big Flat Big Fork Big Lake Dutlet Black Rock Blakely Mountain Dam	0662 Baxter 0664 Polk 0676 Mississippi 0746 Lawrence 0764 Garland	7 36 00 3 34 29 5 35 51 7 36 07 3 34 36	90 08 91 06	238	6P 7A	CLOSED Anna M. Liles N. W. Douglas Lee W. McKenney Corps of Engineers	1/1/55 3 3 3 3 6	С	Nashville Peach Substa. Nashville SCS Nathan Newhope Newport	5114 5158 5174	Howard Howard Howard Pike Jackson	3	34 00 33 57 34 07 34 14 35 36	93 56 93 51 93 52 93 50 91 17	550 373 550 850 225		7A F	oniv. of Arkansas toil Cons. Service dana J. Westfall disie F. Word outher D. Summers J.	2 3 5 3 3 2 3 5 7	С
Blue Mountain Dam Bluff City Blytheville Booneville Botkinburg	0798 Yell 0800 Nevada 0806 Mississippi 0830 Logan 0842 Van Buren	1 35 06 3 33 41 5 35 56 1 35 09 7 35 39	93 09 89 55 93 55	360 252 511	7A 7A 7P 7A	Corps of Engineers Paul M. Adams R. E. Blaylock Cleo E. Yandell Thomas M. Pearson	3 2 3 5 2 3 5	7 C C	Nimrod Dam Norfork Dam Ddell Oden Okay	5228 5354 5358	Perry Baxter Washington Montgomery Howard	7 1 3	34 57 36 15 35 48 34 38 33 46	93 10 92 15 94 24 93 48 93 53	470 425 1500 800 300		7A M	corps of Engineers orps of Engineers ors. Renzo Hurst era J. Gann . T. Hargis	2 3 5 6 3 3 2 3 5	C
Boughton Bradford Brinkley Buffalo Tower Bull Shoals Dam	0848 Nevada 0872 White 0936 Monroe 1010 Newton 1020 Baxter	3 33 52 7 35 25 7 34 54 7 35 52 7 36 22	93 20 91 28 91 10 93 30 92 34	205	SP SP	Iris Elmore Wicker Marshall Hickmon Carl L. Riddell Beulah F. Fowler Corps of Engineers	3 3 2 3 5 3	7 C	Dsceola Owensville Ozark Paragould Paris	5498 5508 5562	Mississippi Saline Franklin Green Logan	3 1 5	35 43 34 37 35 29 36 04 35 18	89 58 92 49 93 50 90 29 93 45	396 275	4P	8A 6 6A E 4P F	lwyn A. Cowan by Cook burns Wakefield adio Station KDRS red J. Girard	3 3 2 3 5 7 2 3 5 2 3 5	
Burdette Cabot 4 SW Calico Rock Camden 1 Camden 2	1052 Mississippi 1102 Pulaski 1132 Izard 1152 Duachita 1154 Duachita	2 35 49 7 34 57 7 36 08 3 33 36 3 33 35	92 04 92 08 92 49	2×0 289 400 116 155	7A 7A	G. A. Hale B. M. Walther Austin D. Harris John W. Knight Edith Z. Lehman	3 3 3 2 3 5	7 C	Parkin Parthenon Perryviile Pine Bluff Pine Bluff CAA AP	5602 5694 5754	Cross Newton Perry Jefferson Jefferson	1 1 1	35 16 35 57 35 00 34 12 34 10	90 35 93 15 92 49 92 00 91 56	222 925 325 215 205	SP 7P MID	MID /	Corine D. Gardner orthur B. Carlton rancis Finkbeiner fary T. Scheu U.S. Civil Aero Adm	3 2 3 5 2 3 5 2 3 5 7	c
Camp Chaffee Camaan Carlisle 1 SW Carpenter Dam Clarendon	1172 Sebastian 1188 Searcy 1224 Lonoke 1238 Garland 1442 Monroe	1 35 18 7 35 52 1 34 47 3 34 27 7 34 41	92 44 91 45 93 01	-	MID 8A MID	U. S. Army Froney Dell Horton John L. Tait Ark. Pwr & Sgt Co. B. F. Northern	2 3 5 3	С	Pine Ridge Pocahontas 1 Portland Prescott Prescott SCS	5820 5866 5908	Montgomery Randolph Ashley Nevada Nevada	7 3 3	34 35 36 16 33 14 33 48 33 48	93 54 90 59 91 30 93 23 93 23	840 330	5P 7A 7A	7A 1 7A 1 7A 1	7. R. Huddleston Benedictine Sisters Mrs. Pearl Newton R. P. Hamby Soil Cons. Service	3	C
Clarksville Clinton Cold Springs Combs 3 SE Compton	1455 Johnson 1492 Van Buren 1520 Scott 1574 Madison 1582 Newton	1 35 28 7 35 35 3 34 58 7 35 48 7 36 06	93 28 92 28 93 54 93 48 93 18	1250	7A 7A WID	Dr. irving F. Beach Earl B. Riddick Margaret Zornes Maude C. Brashears William L. Binam	2 3 5 3 3	CC	Pyatt Ratcliff Ravana Remmel Dam Rison	6008 6016 6102	Marion Logan Miller Hot Spring Cleveland	I 4 3	36 16 35 18 33 04 34 26 33 57	92 51 93 53 94 02 92 54 92 11	800 463 250 - 231		7A I	Ona V. McLean Julu M. Weeks Honny L. Allen Jrk. Pwr & Lgt Co.	3	c c c
Conway Corning Cotter Cove Crossett 7 S	1596 Faulkner 1632 Clay 1640 Baxter 1666 Polk 1730 Ashley	1 35 05 7 36 24 7 36 17 4 34 26 3 33 02	90 35	309 293 440 1050 175	78 78 78 78	G. Y. Short Mrs. Laura Polk Robert T. Fielding Joe C. Allen U.S. Forest Service	3 3	7 C	Rogers Russellville Saint Charles Saint Francis Searcy	6352 6376 6380	Benton Pope Arkansas Clay White	1 7 5	36 27	94 07 93 08 91 08 90 08 91 44	300	5P 8A	5P 8A 2	loward Fowler J.S. Forest Service ish & Wildlife Serv filliam S. Buckley idam C. Melton	2 3 5 7 2 3 5 6 2 3 5 3 2 3 5 7	
Crystal Valley Cummins Farm Daisy Damascus Danville	1750 Pulaski 1768 Lincoln 1814 Pike 1829 Faulkner 1834 Yell	1 34 42 1 34 08 3 34 14 1 35 22 1 35 03	93 45 92 25	629 705	6P 6P 7A 7A	Virda Byrd Cummins Prison Farm Ferna Jones Tedder William A. Brown J. A. Moudy	3	c 7	Sheridan Tower Shirley Siloam Springs Smithville Sparkman 4 E	6586 6624 6698	Grant Van Buren Benton Lawrence Dallas	7 1 7	34 27 35 38 36 11 36 05 33 55	92 17 94 33 91 18	290 600 1150 450 260	6P 7A	7A 1	rk. Forestry Comm. Maud H. Bradford Mohn Brown Univ. M. R. Richardson Mrs. Rachel Butler	2 3 5 7 3 2 3 5 3	c ·
Dardancile De Queen Denver ? E Dermott Des Arc	1838 Yell 1948 Sevier 1956 Boone 1960 Chicot 1968 Prairie	1 35 13 4 34 02 7 36 23 2 33 31 7 34 58	94 21 93 18 91 26	420 1028 140	SP 7A	Gretchen Goodier O. Tucker Vasser Clarence E. Collins L. W. Wilson C. J. Rister	2 3 5 2 3 5 3 2 3 5	7 C	Stamps Star City 2 S Stove Stuttgart Stuttgart 9 ESE	6820 6856 6918	Lafayette Lincoln Yell Arkansas Arkansas	3 1 1	33 22 33 54 34 53 34 29 34 28	91 51 93 19 91 32	392 682 214	6P	7A 7A 7	dubert Baker Ark. Forestry Comm F. P. Sims George L. Clark July. of Arkansas	3 3 3 2 3 5 2 3 5 6	С
Devils Knob ' Dumas 1 Dumas 2 Durham Eagle Gap	1982 Johnson 2148 Desba 2150 Desba 2176 Washington 2204 Scott	1 35 43 2 33 53 2 33 53 7 35 57 1 34 43	93 59		7P 7P	Earnest C. Campbell Ben Johnson Ark. Pwr & Lgt Co. Goldie E. Brink Maxine M. Hooper	2 3 5 2 3 5	7 C C	Subiaco Sugar Grove Sugar Loaf Mountain Taylor Texarkana WB Airport	6940 6944 7038	Logan Logan Cleburne Columbia Miller	7 4	35 18 35 04 35 29 33 06 33 27	93 48 91 58 93 27	50D 500 300 247 361	7P	7P 9A 7A 7A M1D	New Subiaco Abbey D. R. Fennell GLOSED Idelia D. Norwood U.S. Weather Bureau	2 3 5 3 5/25/54 3 2 3 5	7 C
El Dorado CAA AP Eureka Springs Evening Sbade Fayetteville Fayetteville CAA AP	2300 Union 2356 Carroll 2366 Sharp 2442 Washington 2443 Washington	3 33 13 7 36 24 7 36 05 1 36 05 7 36 00	93 44 91 37 94 10	1465 490 1370	6P 6P 7A 7P 7P	U.S. Civil Aero Adm Mabel F. Spray Opha Wolfe Charles F. Ford U.S. Civil Aero Adm	2 3 5 3 2 3 5	7 7 C	Turnpike Viola Waldron Walnut Grove Walnut Ridge CAA AP	7450 7488 7524	Pope Fulton Scott Independence Lawrence	7 1 e 7	34 54 35 51	93 D5 91 59 94 06 91 21 90 56	692 675 250	5P	7A 5P 6P	U.S. Forest Service CLOSED William D. Bivens A. H. Fast U.S. Civil Aero Adm	3/16/55 2 3 5 3	7 C
Fayetteville Exp. Sta. Flippin CAA AP Fordyce 6 W Foreman Forester 4 WNW	2444 Wasbington 2528 Marion 2540 Dallas 2544 Little River 2556 Scott	7 36 06 7 36 18 3 33 49 4 33 43 1 34 47	94 10 92 36 92 31 94 24 93 53	1412 700 280 400 660	SP SP MID MID SP SP MID 7A	Univ. of Arkansas U.S. Civil Aero Adm John Yeager Leslie P. Callens Mrs. L. L. Nelson	2 3 5 2 3 5 2 3 5 3	7 C	warren washita west Fork wheeling white Rock	7592 7694 7744	Bradley Montgomery Wasbington Fulton Franklin	3	33 36 34 38 35 55 36 19 35 41	93 32	1340		7A	Warren Cotton Oil C Nora Lee Mayberry Effie D. Little Thomas W. Cone U.S. Forest Service	3	c
Forrest City Fort Smith WB Airport Fort Smith Water Plant Fountain Hill Fulton	2564 St. Francis 2574 Sebastian 2578 Crawford 2598 Ashley 2670 Hempstead		90 47 94 22 94 09 91 50	261 458 793 175	WID WID SP 7A	Thomas A. Moore U.S. Weather Bureau R. J. Schoeppe Jethro R. Denson Ina J. Logan		7 C	Whitecliffs Wilson Winfrey Wing Wynne	7912 7936 7950	Sevier Mississippi Crawford Yell Cross	1	35 34 35 44 34 57	94 04 90 02 94 06 93 28 90 46	237 1152 350	5P SS	7A MID	L. M. Snead D. O. Anderson Clyde F. Meadors Miles B. Turner Wm. M. Courtney	3 2 3 5 2 3 5.	c
Georgetown Gilbert Glenwood Grannis Gravelly	2760 Wbite 2794 Searcy 2842 Pike 2908 Polk 2922 Yell	7 35 07 7 35 59 3 34 20 4 34 14 1 34 53	92 43 93 33 94 2D	595 547 920	6P 7A 7A SS 7A	Bessie E. Akers C. Eli Jordan Daisy G. Vaught W. E. McVay Willie Pendergrass	3 2 3 5 3 2 3 5 3	7 C	Yellville	8084	Marion	7		92 41 EW STAT	-		7A	Madge V. Doshier	3	
Gravette Green Forest Green Mountain Greenbrier Greenwood	2930 Benton 2946 Carroll 2952 Stone 2962 Faulkner 2976 Sebastian	1 36 24 7 36 20 7 36 02 1 35 14 1 35 13	93 26	1350	7A 7A	Elson B. Schwidt Dhed B. Wilson U.S. Forest Service Thomas E. Cantrell Dorotby M. Been	2 3 5 3 2 3 5 3 3	7	† Heber Springs 3 NE Danville SCS Salem	1835 6403	Cleburne Yell Fulton	7	35 04	92 01 93 24 91 50	370 668		MID 7A	Lester B. Logan Soil Conservation So Jas. B. Caldwell	3	c
Gurdon Hampton Hardy Harrison Heber Springs 3 S#	3074 Clark 3098 Calhoun 3132 Sharp 3164 Boone 323D Cleburne	3 33 54 3 33 32 7 36 19 7 36 14 7 35 28	93 09 92 28 91 29 93 07	210 202 362 1D52	7A 8A MII 6P 7A	Roy S. Robbs Soil Cons. Service Theresa Donaldson Bea Gray Beene Wayne Stark	3 3 2 3 5	c	Dzone	5514	Johnson	1	35 38	93 27	1900		7A	faurice R. Brandt	3	
Hector Helena Henderson 2 W Hope 3 NE Hopper	3235 Pope 3242 Phillips 3258 Baxter 3428 Hempstead 3438 Montgomery	1 35 28 2 34 32 7 36 22 4 33 43 3 34 22	92 58 90 35 92 16	555 200 580	6P 7A 7F 8A 7A	Dorothy H.Spilsbury Charley W. Friddell Emil W. Bentzien (Cecil M. Sittle Lona A. Snields	3 2 3 5 3 2 3 5 6 3	С												
Horatio Bot Springs 1 NNE Buntsville Huttig Dam Index	3442 Sevier 3466 Garland 3540 Madison 3556 Union 3584 Little Rive	4 33 56 3 34 31 7 36 05 3 33 02	94 22 93 03 93 44 92 D5	337 630 1453 60	5P SP	Elizabeth W. Friday Natl Park Service May Pearl Markley Corps of Engineers W. E. McDowell	3	7 C C												
Jasper Jessieville Jonesboro Keo Kingsland	3600 Newton 3704 Garland 3734 Craighead 3862 Lonoke 3904 Cleveland	7 36 01 3 34 42 7 35 50	93 11 93 04 90 42 92 00	857 730 345 230	7 A 7 A 6 P 7 A 7 P 7 P	Lottie D. Davis Mrs. Velma M. Dunn Benedictine Sisters R. A. Waller Claudie W. Hunter	3 3 2 3 5 2 3 5	7 C												
Lake City Lamar 2 SW Langley Lead Hill Lee Creek Guard Sta.	3998 Craighead 4019 Johnson 4060 Pike 4106 Boone 4116 Crawford	5 35 49 1 35 26 3 34 19	90 26 93 25 93 51 92 54	230 550 796 710	7/ M1E 7/	Tressa St. Clair) Peach Exp. Station Mabel F. Forrester F. W Kellogg U.S. Forest Service	3 2 3 5 3	С												
Leoln #Little Rock WB Airport Little Rock Filt. Pl. Lost Corner Louann 2 SE	4134 Grant 4248 Pulaski 4250 Pulaski 4324 Pope 4332 Dnion	3 34 10 1 34 44 1 34 46 7 35 34 3 33 22	92 35 92 14 92 19 92 50	261 257 512 1550	WID MII	J. R. Rbodes U.S. Weather Bureau L. R. Water Works (Catherine Russell Flora A. Hamilton	3	7 C	† Continuatio	n of S	Sugar Loaf Mo	unta	in rec	ord.						
† DRAINAGE CODE 1 ABI	KANSAS 2. WISSISS	IPP1 3.0	LACHITA	4. P		AINT FRANCIS 6. SAL	INF 7 WF	TITE												_

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of numbers with-

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issue of this hulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this hulletin.

Stations appearing in the tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this hulletin are: temperature in F., precipitation and evaporation in inches, and wind movement in miles, Degree days are hased on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of Arkansas may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet ahove sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 And Data hased on observational day ending before noon.

 Adjusted to a full month.

 Data for recorded stations, denoted by "C", are processed for special purposes and published later in Hourly Prscipitation Data.

 E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 One or mors days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate hut may vary slightly from the amounts to be published later in Hourly Precipitation Data).

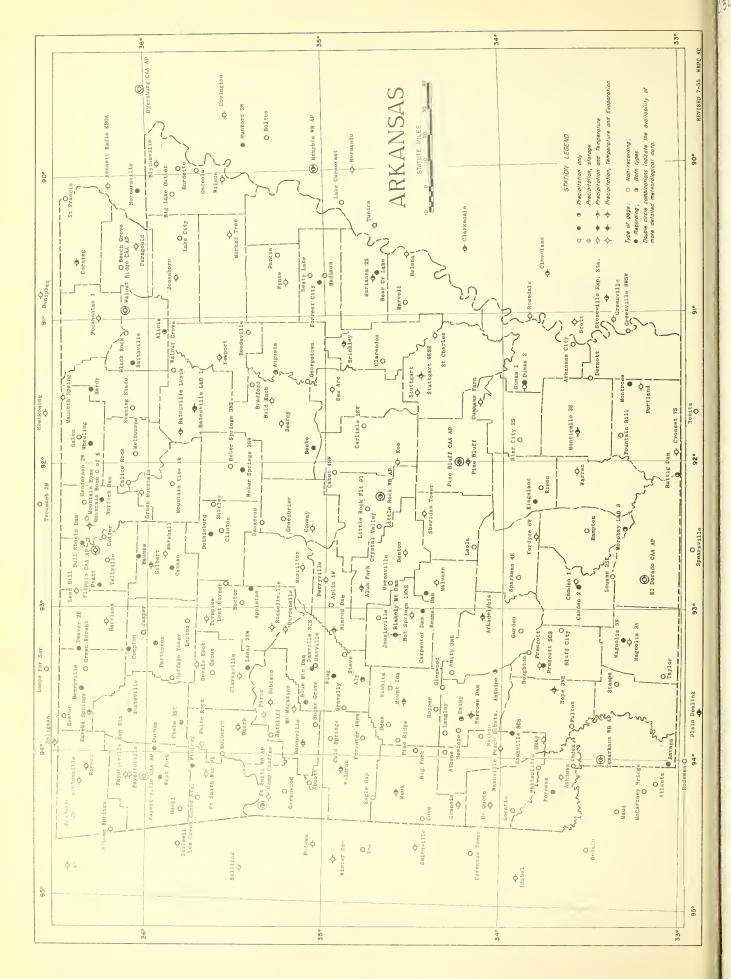
 Trace, an amount too small to measure.

 Includes total for previous month.

 This entry in time of observation column in Station lndex means observation made near sunset.

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NWRC, ASHEVILLE, N. C. -- 9-7-55 -- 1005



AGRICULTURAI, PETERFHOR DEPARTMENT

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

AUGUST 1955 Volume LX No. 8



ARKANSAS - AUGUST 1955

WEATHER SUMMARY

Temperatures averaged slightly cooler than normal during August. Rainfall averaged three-fourths of normal. The weather was, in general, favorable for crop development over most of the State although some areas, especially in the northeast, were getting quite dry at the close of the month. Rain was needed for late crops and pastures and for seeding winter grains and cover crops.

Temperatures remained near normal during the first decade. A cool spell lasted from the 11th to 18th and was followed by a warm spell which continued until the 29th. The last two days were cool. Most stations registered their highest temperatures during the first week or during the period of the 19th to 23d. Maximums ranged from the low 90's at a few high elevation stations to slightly over 100° at a few widely separated stations. The highest temperature for the month was 102° at Booneville on the 7th and at Ozark, Stuttgart, and Subiaco on the 22d. Most stations registered their lowest temperatures on the 13th, 14th, or 31st. Minimums were mostly in the 50's except in the southeast where they were mostly in the low 60's. The lowest temperature for the month was 49° at Lead Hill on the 13th. Monthly mean temperatures ranged from 74.8° at Mount Magazine to 82.5° at Stuttgart. Monthly means were below normal over most of the State. Temperatures averaged slightly above normal only in the northeast corner of the State, at several stations in the east central part, and at Russellville and Camden 1.

Scattered showers occurred on several days during the month. In general, the showery days were the 3d to 7th, 14th, 20th, 22d, and 25th to 31st. The monthly amounts were quite unevenly distributed over the State, ranging from 0.08 inch at Burdette to 8.38 inches at Langley. A number of stations in the northeast part of Arkansas received less than an inch of rain during the month while many stations in the western and southern part and a few in the east central received more than 3.00 inches. August rains totaled over 5.00 inches at a few stations in the east central, extreme southeast, and west central. The amounts that fell in the extreme northeast were about 3.00 inches less than normal for that area. Less than normal amounts occurred at many other stations. A few counties in southern and southwestern Arkansas received more than their August normal amounts. Northeastern Arkansas received too little rain for growing crops during August. In most other areas the weather was favorable for crop development. The early corn received enough rains and all areas reported excellent yields. Late corn suffered from lack of rainfall and the crop was not so good. Soybean prospects declined during the month because of dry weather. Rice prospects remained unchanged and the total cotton production was expected to be slightly less than the 10-year average production. Pastures needed rain and the sowing of fall grains was delayed by dry weather. Farm activities at the end of August included corn harvest, silo filling, and having.

There were no severe windstorms, hailstorms, or tornadoes in Arkansas during August. Lightning, however, caused considerable property damage and was responsible for the death of two citizens.

Lucius W. Dye

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h		Relat		idity aver	ages		Numb	er of da	ıys with	precip	itation		T .
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30A T	1 -1	<u>.</u>		Trace	.01 – 09	10-49	80-99	1 00-1 99	2 00 and over	Total	Percent of possible sunshine Average sky cover
FORT SMITH WB AIRPORT	ENE	29	0.0	23	NE		в	- 1										, ,,
LITTLE ROCK WB AIRPORT	ENE	13	8.3	28	Ε		٠.	**										* .
TEXARKANA WB AIRPORT	-	-			-		-				Lg.		**					

Table 1

COMPARATIVE DATA

	T	emperatu	10	P	recipitatio	n		Te	emperatu	re	Pr	ecipitatio	on.		Te	emperatu	re	Р	recipitatio	on
Aeat	Average	Highest	Lowest	Average	Average snowfal]		Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average	
1391 1392 1393 1894 1895	76.4 78.3 77.3 73.1 79.4	108 106 102 104 102	39 47 43 48 55	2.75 4.39 3.08 4.63 2.64	0 0 0 0		1916 1917 1913 1919 1920	31.8 77.1 82.6 80.6 76.8	107 104 115 113 102	46 13 52 55 46	2.63 4.10 3.90 4.29 4.08	0 0 0 0		1941 1942 1943 1944 1945	80.7 78.8 34.6 80.0 78.9	107 106 113 104 104	50 53 43 50 48	3.94 6.96 1.03 4.90 3.16	0 0 0 0	
1896 1897 1893 1899 1900	82.6 79.6 79.4 82.2 81.1	112 111 103 112 103	48 45 54 54 57	2.32 2.59 4.35 2.04 2.95	0 0 0 0		1921 1922 1923 1924 1925	81.5 30.4 81.9 32.2 80.3	106 111 109 103 103	56 51 49 43 47	5.46 1.90 2.43 2.40 1.81	0 0 0 0		1946 1947 1948 1949 1950	79.0 84.5 78.0 77.7 75.6	109 111 108 104 102	43 56 46 42 44	1.37 2.20 4.25 3.11 6.87	0 0 0 T T	
1901 1902 1903 1904 1905	30.5 30.7 76.7 73.1 79.1	109 108 105 105 103	52 51 47 46 51	2.95 2.55 4.34 2.31 3.73	0 0 0 0		1926 1927 1923 1929 1930	30.7 76.6 31.3 30.8 81.8	110 105 105 110 114	47 43 51 41 46	5.50 6.01 4.62 1.29 2.53	0 0 0 0		1951 1952 1953 1954 1955	81.5 81.1 79.6 85.3 79.4	109 110 106 111 102	50 50 45 55 49	2.75 3.53 1.59 1.53 2.66	T T T O	
1906 1907 1908 1909 1910	77.9 82.0 79.3 82.4 79.2	100 113 103 111 104	42 54 52 47 43	4.92 2.92 4.43 1.27 3.92	0 0 0 0		1931 1932 1933 1934 1935	76.7 81.5 79.1 34.8 82.0	103 104 101 116 113	42 47 49 43 46	4.71 1.73 4.42 2.75 1.74	0 0 0 0 0		All Years	80.1			3,51	Т	
1911 1912 1913 1914 1915	78.0 78.7 32.1 78.5 74.7	107 105 107 104 102	45 45 46 57 40	3.19 3.30 1.62 6.31 10.44	0 0 0 0		1936 1937 1933 1939 1940	35.0 82.3 83.2 30.2 77.7	120 111 109 107 104	43 55 54 49 45	0.44 3.45 2.26 2.50 4.96	0 0 0 0								

Beginning with 1955, averages have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

					Ten	nperat	ure									P	recip	itation					
										60	No	o. of	Days			>		Snow,	Sleet, F	Tail	No	of I)ays
Station		Average Maximum	Ачегаде	Average	Departure From No.	Highest	Date	Lowest	Date	ree Day	Ma Above Above	- I	Min.	Total	Departure From Norme	Greatest Day	Date	Total	Max. Depth on Ground	Date	.18 or More	.50 or More	1.00 or More
HIGHLAND DIVISION																							
ALUM FORK ASHDOWN BENTON		91.1M 92.5 41.1	67.9M 69.1 67.0	79.5M 80.8 79.1	- 0.3	95 100 98	6+ 22 7	58 57		0	21 24 18	0 0	0 0	1.63		2.10 0.85 0.64	3	0.0	0		9 4 6	1 2	0
BENTONVILLE BOONEVILLE		89.9	62.0 68.0	76.0 81.3	- 1.9	96 102	7	52 58	13+ 13+	0	18 25		0 0	2.98		1.48	10 B	0.0	0 0		6	2	1
CAMP CHAFFEE CLARKSVILLE CONWAY	АМ	92.5 93.0M 92.4	67.3 66.5M 68.6	79.9 79.8M 80.5	- 1.3	99	23	57 56 59		0	23		0 0			1.79	23	0.	000		4	1 2	0
DARDANELLE DE QUEEN		91.6	69.4	80.5	- 0.6 - 2.6			57 56	12	0	23	0	0 0	1.32		0.61	4	2.1	0		4 8	1 0	0

ARKANSAS AUGUST 1955

Selection Selection Selec					Ten	npera	iture									P	recip	itation					
SET CONTILE PROPER 1					lai					ys.	No.	of I	ays		iai	y a		Snow,		Tail	No	_	Days
Currier Porting And Currier Porting Currie	Station	Average Maximum	Average Minimum	Average	Departure From Norm	Highest	Date	Lowest	Date		ve or	MO do	* 5 2	Total	Departure From Norm	eatest	Date	Total	Max. Depth on Ground	Date		.50 or More	1.00 or More
READELPHIA ALO KNOB A	EUREKA SPRINGS FAYETTEVILLE FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA ELIPPIN CAA AP ORT SMITH WAS AP FORT SMITH WATER PLANT SILBERT SRANNIS SRAVETTE SAREN MOUNTAIN AM HOPE 3 NE HOT SPRINGS 1 NNE EAO HILL LITTLE ROCK WB AP MALVERN MAMMOTH SPRING MARSHALL MOUNTAIN HOME HOUNT IOA MOUNTAIN HOME OUNTAIN HOME VARYEN WARROWS OAM WARROWS OAM WARROWS OAM WARY VARIS ERRYVILLE ERRER SEELVILLE ERRER SEELVIL	90.6 89.3 88.7 89.2 91.1 92.4 90.5 90.3 86.0 91.4 89.1 89.6 90.7M 92.3 92.0 92.2 92.7 90.9 88.8M 87.6 92.7 90.2 82.6 90.5 90.2 82.6 90.5 90.2 82.6 90.5 90.2 83.6 90.5 90.2 84.0 90.5 90.2 84.0 90.5 90.2 85.0 90.2 86.0 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90	67.1 65.3M 66.0 62.6 62.8 65.1 69.3 65.0 67.2 63.5 65.2 70.1 63.9 71.1 63.9 71.8 66.7 66.7 66.7 68.7 66.7 68.7 66.7 66	78.0M 77.7 76.0 78.1 80.9 76.7 77.7 76.6 77.5 77.2 79.6M 81.2 78.0 81.4 80.3 78.5 76.0 80.3 77.5 77.5 77.5 77.5 77.5 76.6 80.3 78.5 76.6 80.3 78.5 76.6 80.7 77.7 77.5 74.8 80.7 77.5 74.8 80.7 79.9 80.8 77.3 80.8 77.3 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5	- 0.8 - 2.6 - 1.2 - 3.1 - 0.6 - 1.6 - 2.3 - 0.5 - 1.1 0.0 - 2.1 - 0.0 - 2.1 - 0.0 - 2.1 - 0.0 - 2.1 - 0.0 - 0.1 - 0.5 - 0.1	988 977 969 977 979 977 979 979 979 977 941 100 101 101 99 93 93 98 90 90 90 90 90 90 90 90 90 90 90 90 90	27 22 22 22 22 22 22 21 1++2 22+17+2 23 7+4 6. 22 22 22 23 22 23 22 6+2 20 6+2 20 21 21 21 22 22 23 22 24 24 24 25 26 27 27 27 27 27 27 27 27 27 27 27 27 27	55 1 3 3 5 5 1 5 5 5 1 5 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 1 5 5 5 1 5 5 5 1 5 5 5 1 5 5 5 1 5	13 + 131 131 131 131 131 131 131 131 131		16 16 18 21 22 17 6 20 15 17 16 20 15 17 18 20 21 22 31 31 31 21 22 31 31 31 31 31 31 31 31 31 31 31 31 31	000000000000000000000000000000000000000		1.29 2.67 3.52 2.64 2.68 2.64 4.34 4.36 3.165 3.08 2.65 3.08 2.65 4.78 4.70 2.46 4.24 4.24 4.25 2.62 2.62 2.63 2.63 4.24 4.34 4.34 4.34 4.34 4.34 4.34 4.3	- 0.41 0.21 - 1.34 1.03 - 0.35 0.29 - 0.13 - 0.05 - 1.93 - 3.03 - 3.70 0.52 - 1.00 - 1.21 - 2.70 - 1.45 - 1.48 - 1.66 - 2.41 - 1.01 - 1.26 - 1.35 - 1.04 - 1.25	0.73 1.14 0.55 0.89 1.20 0.84 7.15 1.11 1.08 1.23 2.90 2.03 1.22 2.70 0.59 0.78 0.57 1.13 0.37 1.56 0.50 0.67 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.7	10 10 23 10 10 23 8 8 8 29 24 8 8 29 10 4 8 8 30 8 8 30 30 8 8 8 30 30 30 30 30 30 30 30 30 30 30 30 30				63377667744566669555577662236634877777662266336655888488	11 13 22 44 45 52 44 11 11 11 11 11 11 11 11 11 11 11 11	000000000000000000000000000000000000000
01VISION 80.2 - 0.7 2.45 - 0.99 0.0	RKADELPHIA IALO KNOB ATESVILLE LIVESTOCK AM ATESVILLE LANO O NO 1 LYTHEVILLE AM AM CORNING AM ROSSETT / S IMMINS FARM IES ARC IMMINS FARM IES ARC IMMAS 1 L DORADO CAA AP OROYCE 6 W IELENA IONESORO EO IAGNOLIA 3 N IARIANNA 2 S IARKED TREE IONITICELLO 3 S IEWPORT ARAGOULD INE BLUFF INE ALUFF INE A	90.5 92.7 92.5 91.2 92.7 92.9 93.0 91.7 93.4 91.9 91.9 91.2 91.4 92.3 91.9 93.5 90.9 93.5 90.9 93.5 90.9 93.5 93.9 93.9 93.9 93.9 93.9 93.9 93	67.5 63.9 65.8 69.4 67.4 69.4 67.9 68.2 66.8 70.3 69.5 67.9 68.2 68.2 68.2 68.4 69.0 65.5 67.9 68.2 68.2 67.9 68.2 68.2 68.2 69.2 67.1 68.3 69.6 69.2 67.1 68.3 69.6	79.0 78.3 79.2 80.3 80.1 81.2 80.5 80.6 79.3 81.9 80.6 79.7 80.3 80.3 80.3 80.3 80.1 80.3 80.1 80.6 82.5 80.0 82.5	0.1 -0.3 0.4 1.99 -1.2 -0.1 -1.3 -0.5 1.2 0.3 -2.9 -1.2 0.7 -0.2 0.6 -1.9 -2.9 -2.9 -1.9 -2.9 -1.9 -2.9 -1.9 -2.9 -1.9 -2.9 -1.9	988 989 989 989 989 989 989 989 989 989	22 23 119 22 22 23 21+ 22 7 23 22 7 23 22 5+ 5+ 5+ 5+ 22 22 22 22 22 22 22 22 22 22 22 22 22	57 1 58 1 60 1 7 58 1 60 1 7 58 1 60 1 7 62 1 60 1 7 62 1 60 1 7 62 1 60 1 7 62 1 60 1 7 62 1 60 1 7 62 1 60 1 7 6	14 13 13 13 13 13 14 13 14 13 14 14 13 14 14 14 13 14 14 14 14 14 14 16 17 17 18 18 18 18 18 18 18 18 18 18		19 25 24 23 27 22 26 20 20 20 20 21 21 21 21 22 24 22 24 22 24 25 27 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	000000000000000000000000000000000000000		1.30 1.01 3.10 1.03 1.15 2.72 0.54 2.80 2.84 2.67 3.35 1.07 4.05 4.16 3.03 1.07 4.16 3.03 1.21 2.25 0.63 1.21 1.21 1.21 1.21 0.18 3.36 1.37 1.37 1.37 1.37 1.37 1.37 1.37 1.37	- 1.01 - 2.87 - 0.10 - 3.05 - 0.41 - 0.43 - 0.62 - 0.95 - 2.83 1.48 1.25 - 0.51 - 0.16 - 3.01 -	0.48 0.54 1.27 0.80 0.50 1.06 0.36 1.57 3.30 0.40 0.40 1.22 1.39 0.40 0.51 1.44 1.90 1.59 1.00 0.55 1.38 1.04 0.40 0.56 1.38 1.04 0.56 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.56 1.04 0.04 0.04 0.04 0.04 0.04 0.04 0.04	22 24 11 10 23 30 30 8 24 8 24 30 8 12 24 19 8 7 30 9 10 11 2+ 24 19 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10				77553442233771144566466774233644668822445666522445522445522445666522445666522445666522445666522445666522445666522445666522445666522445666522445666522445666522445666522445666522445666522445666522445666652244566665224456666522445666652244566665224456666522445666652244566665224456666522445666665224456666652244566666666	1 1 3 3 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	000000000000000000000000000000000000000

DAILY PRECIPITATION

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Table 3	- 1													Day of month	-			-									AL	0 T	94
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13 14 15	16 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RBOTT LICIA	3.95 1.16		. 25		. 73			Т	.41	.99		.12			Т		T .		1	_	.05	. 74					1	•17 •11	.03
LUM FORK LY MITY 3 NE	4.69 4.46 2.28	.08	T	·10	.29 T	.37			•52 •47 •11	.39		2.00 .04 .01	. 65			т				.10	.10 1.28 .04	.05				T	.48	.50 .86 .83	.43
NTOINE	3.74	.19	.14	. 77	.01	• 92				.20		.13										, 5					.36	+61	.56
PLIN 1 W RKADELPHIA RKANSAS CITY	2.63	.16	* 20 T	.18 .05	.40 T				1.37 .05 .64	2.63	. 85	+32	1.10							r	.23 .10	. 45			т	:15 T	.02	*15 *26	0
SHOOWN THENS	1.63		.15	.85	.05	. 40				1.18		.03				T					.24					.07	1.60	. 251	1.30
GUSTA LD KNOB	7.65		.10	.25	.06	.40		.14	1 + 40	1.10	.08 .14	.05	T						1	T •48	1.19 1.37						T	. 73 T	0.70
TESVILLE LIVESTOCK TESVILLE L AND D NO 1	3.10		T	т	.09				•13 •57		.09	1.27			* O T	4	.05				.09	. 65						.54	
ATY LAKE	4.01 .73		Т	•01	.02				1.65		•23 •40				т					.91 Y	1.09 T							•10 •20	
ECH GROVE EOEVILLE NTON	3.22 4.18 2.18	т		.08	+10				1.88	. 31	2.70	• 78									.12	. 95					. 1	•57 •23 •12	
NTONV ELLE	2.98			т	.33	. 24		14	.10		1.48									. 35	.04						.54	•20	
RRYVILLE 4 NW G FORK G LAKE OUTLET	.57 4.34 1.08	.04		. 24	. 65	.24		.16	т	.89	.08					.03	.06			,	1.48						.60	.46	. 2
ACK ROCK	.60									2.5		T					.20				T							.40	
AKELY MOUNTAIN DAM UFF C1TY YTHEVILLE	4.83 3.04 1.03	. 56		. 32	.07	.02 .56			1.65	.35 .27							.04				•11 T	• 05					.26	.40	.16
DONEVILLE DUGHTON	2.94		T .96	.08	.01	.17			1 4 4 2	.09		.25									.35						0 66 66	.02 L.80	. 19
RAOFORO RINKLEY	3.87		•05	т	.28				1.10	.28	-35	• 12									.90	1 . 24							
FFALO TOWER	4.70		0.7	. 17	•40	.61			1.27		*06	1.50			.0				.78		.70	• O 5						.69 .08	
ABOT 4 SW ALICO ROCK	3.50	т	.07	• 17		. 01					-00	.04			. 0		.19		.78		.84	1.62						•07 •01	т
AMDEN 1 AMP CHAFFEE	2 • 72		т	•19	.15	.02			.88	. 32 T	-11	±02	1.06								.07						. 70	.62	.0
ARLISLE 1 SW ARENOON	1.54		• 32	.08 .47	.02				.05	•02	• 05	1	•07									.04						.03	
LARKSVILLE LINTON	1.52			·10							• 1 7										±95	•10					6.2	.27	
DLO SPRINGS DNWAY DRNING	5.77 2.26	.15	+01	.10		1.50	.20		1.10	. 31	• 72	.03			т		. 19				+17	• 60					.52	+01 +36	1.1
DITER	-	-	-	-	-	_	-	-	-	-	-	-	-			-		-	-		-	-	-				- 7.3	-	-
DVE ROSSETT 7 S RYSTAL VALLEY	6.89 2.80 2.63		•32 •42	•05 •78	2.67	.33 .05			•39 •63	1.00											.86	. 7				.14	.73	.66 1.57 .03	
DMMINS FARM	5.80		T	Т					3.30			•52		.93							. 2						· 95		
NISY NMASCUS NVILLE	2.94 1.09 2.38		•27 •10	.59	.14 .02 .13			T	. 44	.48		-			• 1	8					.09 .36	.23					*12	.93 .26 .66	. 6
ARDANELLE E OUFEN	1.32	т	.08	.12	.61 .38	T	Ŧ		. 32		.09	Ť									+02 +47	. 26					+21	.42	e (
ERMDTT FS ARC	1.75			. 20	•18 •02				•25 •14		T	•20	т							т	.46	.48 1.70					* 2 T	. 72	
EVILS KNOB	2.37		•11 •03	*08 T	•16		.09		1.60			.12		•05			1				.30	• 95			• 01	• 0 *	.07	.42	• 0
AGLE GAP L OORADO CAA AP	7.18	.24	.14	.37	2.37	.16			.74												2.40					T	.21	·15	
JREKA SPRINGS VENING SHADE	1.29		.30	.18		*10			± 25		.73 1.19	1.05			Т		т			T	T +40					Т	.30	.22	
AYETTEVILLE CAA AP	3.32	.06		.14 .T	.45			.15	•01		.65 .55									.10	1.14					Т	.50		
AYETTEVILLE EXP STA LIPPIN CAA AP	3.55 2.44 3.35	.03		*16 T	.59			.37	.02		.89 .01					Ŧ			.04	.10	1.20						•78 •12 •27	7.3	
DROYCE 6 W DRESTER 4 WNW DRT SMITH WR AP R//	2.14		.19	.41 .14	.09	.17	. 37		1 • 12 • 51	. 78		+21								.015	#25 T						.28	.73	
T SMITH WATER PLANT	7.16	.63			.83				1.62		1.48										.43						2.15	. 43	
OUNTAIN HILL ULTON EORGETOWN	5.15 4.94 3.09		.30	. 74	- 36	.09			3.42	7		.60 T	1.00					T	T		.1 1.87	+24 +17					.09	57	Ŧ
ILBERT	2.54		.28		.02				1.11			.20									.80	• 10					.09	-10	
LENWOOD RANNIS	5.71		•42	• 19 • 16	.85 .06	+21			1.08			Y . 25				.0:	7				1.84	+ 37					.63	*16	7
RAVELLY RAVETTE REEN FOREST	3.65			*01	1.07	.20		.01	.82		.26										+57						+23	•53	
REEN MOUNTAIN	3.94		•22	1 6			.12	.26			. 44							т				2 + 9 9					.15		
REENWOOD UROON	4.81		•11	•15 •10	.85	+ 31		1.40	1+11	.26		.27									.14	,					+66 +1	.60	.?
AMPTON	3.86			•17).	2.0	1.15	.76	T									.62						.05		
ERER SPRINGS 3 NE ECTOR	2.63		T •05	.05		.18		ľ	.05			e l ^{n 7}			. (12					1.5	1.42						.12 .21 .26	7
ELENA ENOERSON 2 H	3.01	.01	.32	T		Т)	.20	.)	.02		1.13		т		1-11				1.57	• 0 7						.06	
OPE 3 NE OPPER	3.15			.22	1 .29	.58			т	1.03			1.22			. 6			.13		1.7	+11 +22					+36 +56 +6	.74	
ORATIO OT SPRINGS 1 NE	3.69		.07	•22 •58	.57	.06			1.45	.08	.01	.13							.13	+12	1.7	• //				.10	.61 .47	T . 63	.,
RITTIG DAM	3.85			• 29	.65							.55	.65									. ~						+00	
ASPER ESSIEVILLE	1.63		.15	.01	.10	.39			.73	.10							т				.70						+14	1.6	
ONE SAORO EO	1.01		• ^ :						• 5 1												. 17								
AKE CITY ANGLEY	8.38	9	• 25	2 . 23	. 86	.04			.05	. 98	3	.03		Ţ		•0	2 .31				* 15 * 7						. Gr		
EAD HILL EE CREEK FOLA	3.06 4.86 2.87		+43	•26	.96		т	7	1.2	1.10	.20	1.04			Т						.34 .86						. 77	:27	
TITLE ROCK WE AP R/	/ 1.22	>	.07	. 22	2			т	.59	7	т	.02								.02	.28						+12 +04		
.ITTLE ROCK FILTER PL .OST CORNER .DUANN 2 SE	3.0° 1.6° 4.1°	7	•16 •17		.38 .ng	.20			.15	5	2 61)	* 408				51					+10					•()	c+81	.25 (.21	
LURTON	2 . 38	9	•20	.01	a .07	22			1.33												1.3	.63						.33	
MADISON MAGNOLIA 3 N MALVERN	5.63 4.09 3.89	5	. 26	• 10 • 25 • 5	5 0	. 24			1.28	.2	3 .01	5 .64	1 = 6	3							.66					. 25	.71	1. 3	. ?
MAMMOTH SPRING	3.8	0	.08	•0					. 34		.03	3 .12		,			. 57					.04						115	

Table 3-Continued

Table 3—Continued					_				_												-									AUG	UST	1955
Station	Total		_			_							10		y of m		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARKEO TREE	3.03	1	2	3	4	5	6	7	8 •02	9	10	11	12	13	14	15	.23	1/	10	1.90	20	21	22	27	• 02	20	20		20		.47	
MARKEU KEE MARVELL MELBOURNE MENA	1.59 3.19 2.47 4.78	*10 T		•12	1.13	.08		1.42	•14 •17	.52	•87	.67					*23		Т	1.90				.79 1.10	.99				1	.12	·15 •26 •16	т
MONTICELLO 3 S MOROBAY L AND 0 NO 8 MORRILTON MOUNT 1DA MOUNT MAGAZINE	4.86 3.46 1.92 4.70 2.46	.02	•05 •06	•42 •06 •16 •14	• 78	1 • 37 • 24 • 34	•21		1.59 .37 1.35	.75 .29 .66	•03	Т	•09											.28 .41 .25	• 35				.03	1	•35 •16 •15 •56	•15 •35
MOUNTAIN HOME MOUNTAIN HOME C OE ENG MOUNTAIN VIEW 1 W MULBERRY NARROWS OAM	1.13 1.55 1.37 4.32 2.86	Т	•50 •17 •25	•67	.04 .02 .50	•05		.26 .17	*09 T 1*10 *54	.33	•04	.07 .03 .20						• 28	т	.09		•01	•16 •06	.46 .09 .05 1.05	.37				:	1.05	•15 •09 •12 •58	•55
NASHVILLE PEACH SUBSTA NATHAN NEWHOPE NEWPORT NIMROD OAM	2.91 3.62 5.05 3.31 2.05		•09 T	.36 .60 .50	.70	.02 1.38		1.00	.03 .09	.33 .99 .67	.12	.03 .26 .43	.41						T •03	. 49		T	T .03	.22 .40 .38	.38				• 17	T 1	•51 •30 •60 •28 •72	•17 •57
OOELL OOEN OK AY OS CEOLA OWENSVILLE	4.20 4.49 4.24 .73 2.67	T .05	.05 .15 .20	•10 •57	•02	.05 .15	т	• 20	.81 .03		т	.68							.09					.54 .38	1.15	т				.20 .62 1	.07 .37 .25 .68	•75
OZARK OZONE PARAGOULD. PARIS PARKIN	2.25 2.31 .86 2.62 2.55	.27	.28 .28	.32 .02	•11 •35	•44			.79 .90 1.41	.24	•06	.06 .03 T					. 36	. 26	Т	. 25			.12	•12 •60 •20 •43	• 26					.42	.04 .37 .55 .02	
PERRYVILLE PINE BLUFF PINE RLUFF CAA AP PINE RIGGE POCAHONTAS 1	2.39 2.72 2.25 4.33 .63		.06 .14	.47 .15 .47	.42 .23	.16			.36 1.04 1.41	1.38	.16	.06 T	•04						•03				T .06	.55 .07 .11 .58	• 02				• 09	.33	.83 .04 .44	a 444
PORTLANO PRESCOTT RATCLIFF RISON ROGERS	1.54 2.56 1.99 1.36	•17	T T T •18	.05 .14 T .14	.06	.32 1.52	Τ	•07	Т	.48 1.26	•40 T		•05 •03			Т		Τ		т			Т	.41 .02	T			Т	•08	•21 •17	•10 •22 •01	•08
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM SEARCY	2.54 2.33 .54 1.14 7.10		•08	•65	.59 .03			•22 •80	T •09 •03		+72	.11 .05	.56						.05				.39	1.90	.37					•50	.26 .56 .41	
SHERIDAN TOWER SHIRLEY SHIDAM SPRINGS SPARKMAN 4 E STAMPS	1.75 2.17 2.84 2.35 3.88		•02	.70 .06 .10 1.73	•07 •45	.05 .55			.10	1.00		.07 .02	. 36					•19						.06 1.06 .39	•19				• 03	1.12 .15 1		• 31
STAR CITY 2 S STEVE STUTTGART STUTTGART 9 ESE SUBIACO	5.45 1.97 2.71 .84 2.31		•03	•06 •03 •03	•56 •10 •03 •01	. 56	1.05	.06	T +90	1.94 T	*61 T		1.53 T				.45							•50 •07 •07	•22 •08						•23 •91 •60 •28 •30	
SUGAR GROVE TAYLOR TEXARKANA WB AP R// TURNPIKE WALORON	3.02 2.21 4.23 3.05 1.81	•15 •28 T	+ 80 +12 T	T 1-14 1-10 -07 -06	.45 .01 .30	.09		, 33	1.30 T .44 1.00	.05	•31 •30	+69	•19					T •08 T					•55 T	•19 •07 •60	•05 T			т	+ 23 T	·28	•24 •21	• 33 • 05
WALNUT GROVE WALNUT RIDGE CAA AP WARREN WASHITA WHITE ROCK	1.62 .18 3.94 3.50 4.36	T	T •04	Υ Τ • 05	.30	T •81			.06 1.36		•02	2.20	т			т			T .05	Т			•31	.52 .17	. 20					.73 .15 .05 2.40	•10 •60 •46	
WHITECLIFES WILSON WYNNE YELLVILLE	4.35 .67 3.48 .73		Ŧ	•60	.45			.43	2.37		Ť	•20							Т				.74	.33						•10 2 •04	•30 •67	

See reference notes following Statios Index.

Table 5 - Continued																Denr	Of Mo	onth							-	-	-			-	,	3031	955
Station		1 .	2	3	4	5	6	7	8	9	10	11	12	13	14	15 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
HOT SPRINGS 1 NNE	MAX	96	93	82	88	94	95	98 77	90	92	90	90	90	90	90	92	96	92	95	95	96	98	95	89	94	98	97	97	95	85	84	86	92.3
JONESBORO	MIN MAX MIN	91 75	73 90 71	72 92 69	73 95 68	70 97 71	73 96 74	94	70 90 73	70 90 73	72 89 74	85 73	68 85 68	62 86 61	89	89	66 89 62	70 90 61	67 90 68	71 96 72	73 97 73	75 98 75	75 95 76	71 89 70	69 96 64	67 93 67	68 95 66	70 96 68	75 96 71	74 94 72	72 90 68	54 86 61	70.1 91.9 69.3
KEO	MAX	93	87 72	90	94	95 70	96	97	88 73	87	94	89 72	87	87 57	88	89	91 61	88	92	94	95 66	96 68	98	85 71	92	92	93 66	93	91 72	93 72	87	87	91.2
LEAO HILL	MAX	93	90	89	86	92	96	92	90	91 62	89	90	89	89	90	92	95 54	91 57	98	96 63	99 67	99 69	99 69	88	92	92 58	93	93	93	87 73	91 63	88	92.0
LITTLE ROCK W8 AP	MAX MIN	94	85 74	88	93	96 74	96 75	96 76	84	88	92	88 75	88 71	87 66	88 65	90 69	92 67	89 68	93 68	95 70	95 73	97 74	94 75	85 72	92 72	94 70	93 71	93 72	91 74	89 73	86 72	86 68	90.9
	MAX MIN	93 72	85 72	81 71	92 73	95 69	96 71	96 71	89 71	92 70	94 71	91 72	89 69	85 62	86 59	89	91 62	89 62	91 61	96 65	95 64	96 71	98 69	92 70	94 70	95 64	95 66	94 69	92 71	91 71	83 70	87 68	91.4 67.9
	MAX MIN	95 74	92 72	92 72	90 71	96 69	95 72	97 73	92 75	91 71	93 73	90 72	89 75	87 59	88 61	91 62	93 63	90 65	93 63	96 65	95 66	97 68	97 69	91 68	94 69	94 64	94 67	96 70	93 72	85 65	86 70	86 66	92.2
	MAX MIN	94 70	90 71	91 69	95 67	98 67	99 68	92 70	90 70	88 64	8 9 7 3	89 69	87 60	88 54	90 52	92 63	94 58	91 59	93 65	96 67	97 67	98 68	93 71	91 69	94 58	97 57	93 57	96 59	95 65	91 69	93 62	89 53	92.7
	MAX MIN	92 74	91 73	87 69	90 67	93 68	97 72	94 72	9 7 72	89 73	91 72	92 74	86 69	86 59	86 63	87 66	88 62	88 59	90 63	92 66	94 66	93 68	96 72	96 69	81 66	89 65	90 68	91 69	90 70	89 72	91 71	86 65	90 • 4 68 • 2
	MAX	94 73	94 69	93 69	94 69	96 70	97 74	97 74	95 73	87 69	90 72	94 73	86 67	86 65	86 61	89 64	88 63	88 61	90 66	95 71	95 70	95 71	97 74	98 70	90 62	91 64	92 63	94 67	97 70	93 72	92 68	87 59	92.3 68.2
	MAX MIN	89 69	87 68	82 70	88 71	91 68	94 67	90 66	85 66	85 67	86 67	85 69	85 57	53	85 55	88 59	88 60	91 60	90 60	93 64	93 65	95 67	97 68	85 67	89 60	91 56	91 56	92 60	91 65	89 62	85 62	85 51	88.8 63.1
	MAX MIN	90 72	83 72	76 70	84 71	90 69	93 69	93 72	84 71	88 71	89 72	86 73	84 67	84 61	86 60	87 62	89 62	87 62	89 61	90 64	91 67	93 70	94 74	88 68	89 70	90 65	90 64	90 69	87 73	88 72	83 69	81 63	87.6 67.9
	MAX MIN	92 73	87 73	86 71	95 71	92 67	94 70	95 72	92 72	89 71	95 68	93 71	87 71	87 62	87 58	89 61	90 60	91 60	93 63	94 66	95 68	96 67	98 69	93 73	95 70	93 70	91 69	91 73	92 72	90 71	91 69	94 68	91.8 68.4
	MAX	97 73	90 72	88 72	89 7	96 70	97 71	98 73	9 2 74	90 70	93 72	92 72	89 67	89 61	91 60	92 65	95 66	91 66	94 63	96 64	96 67	97 70	100 74	87 72	92 67	94 65	95 64	96 70	94 72	88 74	89 71	88 60	92.7 68.7
	MAX	92 69	92 70	81 71	81 73	86 67	92 68	95 67	97 68	86 67	91 70	89 72	88 63	88 57	87 57	86 57	90 57	92 60	89 57	92 60	93 63	94 64	96 68	98 68	90 61	92 63	94 61	94 64	94 63	91 73	85 70	81 60	9 0. 2 64.8
	MAX	84 69	77 74	75 65	76 66	86 68	88 71	88 68	80 71	80 72	76 69	80 68	79 65	78 60	79 62	83 63	85 65	81. 63	85 65	89 66	87 66	88 70	90 71	80 67	84 67	87 67	87 69	87 69	85 68	83 63	79 70	76 58	82.6 66.9
	MAX	94 72	90 71	90 70	89 74	93 68	95 70	91 70	89 69	89 65	87 70	88 69	86 62	88 59	89 60	91 65	91 60	90 65	92 67	94 69	93 69	92 69	94 72	87 69	90 64	93 61	95 63	94 65	94 65	84 73	90 64	89 58	90 • 7 66 • 7
	MAX MIN	92 72	94 69	89 71	89 71	89 69	94 68	95 72	90 72	87 67	88 70	87 70	87 64	85 61	86 58	8 8 6 2	92 59	92 65	90 65	91 67	96 67	95 71	94 73	94 70	86 63	91 62	93 62	93 63	92 68	93 74	85 64	91 55	90 • 6 66 • 6
	MAX	75	74	72	73	68	69	70	73	68	72	74	69	59	59	59	61	61	61	63	64	64	66	70	69	62	65	68	75	75	84 73	84 68	67.7
	MAX	94 73	93 72	86 70	78 71	88 68	93 70	94 72	97 74	83 70	91 73	92 73	88 69	88 64	87 60	8 8 6 2	90 61	93 62	89 60	93. 65	95 65	95 69	98 71	100 69	88 71	95 65	9 7 70	96 71	97 74	90 73	90 70	83 67	91.3 68.5
	MAX	98 72	93 70	96 68	97 68	99 71	98 71	96 73	92 71	88 70	92 71	91 72	90 66	89 60	89 60	93 67	94 62	93 60	97 66	97 70	97 67	97 71	99 70	83 68	93 63	95 64	94 63	96 62	96 64	93 71	90 68	85 59	93.5 67.0
	MIN	96 70	97 69	90 72	85 74	88 68	95 70	98 71	95 72	88 70	91 70	92 73	92 65	91 59	90 58	91 60	92 65	95 65	94 60	96 64	97 67	98 66	98 70	101 71	89 65	90 62	97 62	97 65	98 65	97 75	85 70	87 60	93.2 66.9
	MAX	72	90 74	79 72	90 74	95 69	95 73	98 73	95 75	93 -71	94 74	89 74	90 69	88 62	89 60	92 60	94 64	92 63	93 61	94 65	96 67	99 70	99 70	90 71	73	92 66	95 66	96 70	93 75	87 76	84 71	87 68	92.1 69.3
	MAX	96 71	91 71	86 69	85 73	95 69	98 65	96 72	89 70	91 68	89 73	85 73	90 63	91 57	90 58	95 61	96 60	92 68	95 60	97 63	97 66	99 69	102 69	91 72	94 68	97 64	97 62	97 66	96 67	89 73	85 71	91 56	93.0 66.7
	MAX	94 72	90 69	91 67	95 67	96 67	96 70	95 72	87 73	90 72	89 70	86 73	85 63	85 59	.90 56	89 66	88 59	88 59	89 66	94 67	94 67	95 70	92 73	90 70	93 56	92 61	94 58	94 58	93 65	89 65	89 64	86 58	90.9
	MAX	96 71	91 70	88 74	90 76	97 69	99 69	99 73	93 72	94 70	89 72	91 74	91 63	90 57	90 58	93 62	95 58	93 64	95 61	96 64	97 69	99 70	101 71	93 73	96 69	98 61	98 62	98 66	95 70	90 74	90 72	88 57	94 • 0 67 • 5
PERRYVILLE	MAX	95 68	89 71	86 70	90 70	99 69	96 70	98 72	90 74	90 68	95 70	89 73	88 67	89 58	88 58	91 62	93 64	94 60	94 60	97 63	97 65		99 69	88 72	92 67	93 62	94 61	93 62	94 69	88 76	87 70	86 58	92•3 66•6
	MAX MIN	97 75	88 75	81 70	97 70	98 73	98 74	99 74	93 74	90 74	95 75	89 75	88 73	89 64	91 65	92 66	93 67	92 67	95 67	97 70		99 74	100	89 73	95 71	97 69	96 70	95 74	91 74	93 74	84 73	89 66	93.2 71.4
	MAX MIN		88 74									87 73						91 63		96 66				88 71			68	95 70			85 71		
	MAX	95 74	94 71	92 68	95 67	98 70	99 69	93 72	92 72	91 72	87 72	89 71	89 67	89 63	88 62	93 66		93 59		100 70				93 71			97 63	98 63		94 71			94.0 67.1
	MAX	90 71										90 71					91 65	91 64	92 62	91 62	92 67	92 67	96 68		90 70	95 68	96 68	94 70		87 70		90 70	90 • 2 68 • 7
	MAX	94 72	90 70	84 70	76 70	85 68	93 71	95 73	96 75	80 70	89 71	92 71	86 68	85 62	85 62	8 7- 6 2	92 63		63	94 68	95 70	96 70	98 71	98 69	94 66		95 68	96 70	90 72	84 69	85 68	81 66	90.0 68.3
	MAX MIN											84 67			81 58		89 60		90 64		92 67			85 71		92 67	93 63	92 64	90 69	85 72			87.6 66.9
	MAX MIN	95 73			88 74							91 76	90 64		91 59		94 59	94 67		97 64		70			93 68	95 63	95 64	95 69		90 75	88 71	87 59	92.5 68.5
	MAX	94 73	94 72	88 71	91 70	96 71	99 74	97 75	99 73	88 73	93 74	96 73	85 71	87 62	88 64	89 65	89 65	90 62		93 67		96 70		99 71	84 69	93 66	95 68	94 70					92.7 69.6
	MAX	92 73			93 69							88 72	87 69		88 62		91 64			96 69			99 71	83 71	90 67	90 66	92 66	92 69	91 73	89 74	89 69	86 62	90•9 69•0
	MAX MIN	92 71	87 71	86 72	95 70	95 71	96 70	99 72	90 72	88 70	93 69	92 68	89 67	89 59	88 61	88 61	93 62	90 62	93 63	96 66	95 65	97 66			92 63	95 64	95 66	95 65	94 65	87 65	86 62	87 64	92.0 66.3
	MAX	94	94 65	91 68	86 68	84 67	90 67	94 70	91 68	88 67	89 68	89 62	88 57	87 50	85 51	87 54	90 52	95 52	90 55	93 57	95 61	96 66	97 68	99 67	93 63	93 58	93 53			95 68	82 66	86 54	91.1 61.5
STUTTGART	MAX	95 75	87 73	93 71	9 7 71	99 74	96 74	99 76	91 75	90 72	95 75	89 75	89 71	89 62	90 64	92 67	94 66	93 65	97 66	99 70	99 71	100 73	102 73	89 73	95 70	97 69	96 70	95 73	97 73	95 74	85 72	89 66	94 • 0 70 • 9

Table 5 Continued		-							D	ΑI	LY	T	EM	1PI	ER.	ĀΊ	UF	RES	S														NJAS . 955
Station																Day	OI M	onth															950
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
STUTTGART 9 FSE	MAX MIN	92 73	93 72	87 69	90 70	94 69	95 71	94	95 73	86 73	90	94 73	87 71	87 60	87 62	88	89	90	90	93	95	95	96	9.8	A5	92	93	94	95	97	91	85	91.4
SURTACO	MAX	9.8	91	86	89	9.7	99	100	90	0.3	8.0	0.3	0.0	0.0	0.0	0.5																	94.5
TEXARKANA WB AP	MAX	93	84	77	89	93	94	0.5	9.9	92	0.2	9.6	0.0	D.e.	0.7	00	0.0																89.9
TURNPIKE	MAX	89	8.2	81	7.8	8.6	88	85	80	8.3	80	81	70	70	8.1	0.7	2.0	0.2	00	0.0													84.3
WALDRON	MAX M1N	9.8	88	8.2	90	95	99	100	A Q	0.3	0.1	90	8.8	0.0	0.0	0.2	0.4		07	0.6	0.0	0.0											93.4
WALNUT RIDGE CAA AP	MAX	94	93	92	94	97	97	92	90	AQ	8.8	8.7	9.7	0.7	0.0	0.1	0.1	0.2	0.0			0.77											92.2
WARREN		94	85	87	96	9.7	98.	97	93	96	0.3	80	0.1	80	0.0	0.1	0.1	0.1	0.1														93.1
WHITE ROCK	MAX	87	8.2	79	75	85	88	88	83	85	8.2	8.4	80	80	0.2	0.6	0.0	0.6	0.0	0.0	0.0												85.1 67.7
WILSON	MAX	93	94	95	95	9.7	9.7	96	84	9.2	94	8.2	83	84	87	88	9.3	80	0.6	07	0.6	0.7	0.4	0.1									91.4
WYNNE	MAX MIN	91	89	90	92	95	95	95	87	8.8	92	8.7	86	85	9.7	8.7	8.8	9.8	0.2	0.6	07	0.6	0.6	0.7	0.0	0.0	00	0.0	0.0				90.0

Table 6

EVAPORATION AND WIND

0																	Day o	f mor	ath														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLAKELY MOUNTAIN DAM	EVAP	-	.30 79	·25	.17	.09	*	*	.63	.37	.20	.22	.26 67	*	*	. 82	.24	.29	.23	.3.	*		.73		.12	. 27	. 27			.69	.16	.09	7.038 14528
HOPE 3 NE	EVAP	-	.21	.19	.04 £2	.08	.2-	*	.47	.35	-17	. 6	.18	. 24	.27	0	.20	.26	.12		. 21 6	1	.28	. 27	.12	.20	8	. 19	. 6	.16 32	.07	.10	5.838
MOUNTAIN HOME C OF ENG	EVAP	.27	.26	.28	.23 53	.23	.31 35	-30 32	.14	.22	.18	.12	. 29 50	.31	.27 38	. 24	.28	.22	- 24	.18	7	.28	.20	.14	13	. 26	.25	.27	. 25	-29	. 5	.27	7.33 908
NARROWS DAM	EVAP W.ND	.26	.31 41	.16	·10 71	.16		.33	.28	.09	.20	.22	.24	. 26	.30	.26	.23	.31	.15	.25	.25	.18	.28	.28	.79	.25	.30	.25	.24	.25 56	.16	23	7.098 702
NIMROD DAM	EVAP	.27	.16 16	. L3 23	.12	.13	. 24	-21 14	7	.13	.18	.16	.15	.32	.29	. 5	.19	.23	.21	.23	.25	.25	.23	.14	- 7	10	.21	.19	.27	.21	.09	.12	5.958 532
RUSSELLVILLE	EVAP	.25	.10	.21	.13	.19	. 26	. 27	.16	.18	.18	.21	. 25	-17 15	.29	.18	.22	.25	.14	.24	.30	.14	.26	.07	.26	. 24	. 25	. 35	. 25	.07	-10	.17	6.34
STUTTGART 9 ESE	EVAP	.26	.25	-19 70	- 21 68	-24 27	.22	.19	.24	.08	.08	.19	.12 16	.20	.22	.21	.19	-17 16	.21	.31	.23	.13	. 21	.24	.08	.25	.32	.14	.25	.17	.23	.21	6.24 872B

Com	No.		++	0	qe	qu	Ob:	on	Refer	Station	No.	County	ie t		ıde	0 U	vaf	ser- tion me	Observer	Refer	_
Station	Index 1	County	Drainage	Latitude	Longitude	Elevation	Temp.	Observer	to tables	Station	Index 1	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	tables	
Abbott Alicia Alum Fork Aly Amlty 3 NE	0064 0130 0136	Scott Lawrence Sailne Yeli Clark	7 1 3	35 0- 35 5- 34 4 34 4 34 1	91 05	256 755 854	5р	7A James V. Williams 7A Ruby B. Owens 5P L. R. Water Works 7A Gurn B. Swaim 7A Mrs. Alta F. Garne	3 3 2 3 5 C 3 C	Lurton Madison Magnolia 3 N Magnolia S N Malvern	4528 4548 4550	Newton St. Francis Columbia Columbia Hot Spring	5 4 4	35 4 35 0 33 1 33 2 34 2	0 90 43 9 93 14 0 93 13	215	6P	7A 7A HID	Lola 1. Dollar Loren R. Jones Earl E. Graham Ark. Pwr & Lgt Co. Malvern Fire Dept.	3 3 2 3 5 7 2 3 5	c
Antoine Aplin 1 W Appleton Arkadelphia Arkansas City	0188 0196 0220	Pike Perry Pope Clark Desba	1 1 3	34 0	93 25 93 00 92 53 93 03 91 12	400 522 200	6P	8A Drew A. Lamb 7A Hobart Watts 4ID John A. Jonee 6p Billman E. Lawrenc 8A John W. Trammell	3 C 3 C 2 3 5 C	Mammoth Spring Martanna 2 S Marked Tree Marshall Marveli	4638 4654 4666	Fulton Lee Poinsett Searcy Phillips	5 7	36 2 34 4 35 3 35 5 34 3	4 90 45 2 90 35 4 92 38	1050	8A 7A SS	7A 8A 7A	John H. McKee Univ. of Arkansas William M. Crick Wrs. Minnie Rorton Sterlin Wailace	2 3 5 7 2 3 5 7 2 3 5 7 2 3 5 7 2 3 5	
Asbdown Atbens Augusta Bald Knob Batesville Livestock	0300 0326 0350	Little River Howard Woodruff White Independence	7 7	34 1		960 218 230	7P 6P 9A	7P Southwestern G & E 7A Arra D. Perker 7A David G. Griffitbs 6P Univ. of Arkansas 9A Univ. of Arkansas	2 3 5 3 C 2 3 5 2 3 5 C	Maumee Melbourne Mena Monticello 3 S Montroee	4746 4756 4900	Searcy Izard Polk Drew Asbley	3 3	36 0 36 0 34 3 33 3 33 1	4 91 54 5 94 15 5 91 48	749 610 1207 285 125	6P 5P	7A 7A 5P	Verne N. Davemport Ivan L. Shrader E. W. St. John Arkanees A & M Col. Ark. Pwr & Lgt Co.	3 2 3 8 7 0 2 3 5 7 0	2000
Batesville L & D 1 Bear Creek Lake Beaty Lake Beaver Beebe	0496 0512 0518	Independence Lee St. Francis Carroll	7 7 5 7	35 45 34 45 35 05 36 25 35 04	91 38 90 43 90 43 93 46	277 220 400 930		7A James J. Mitchum 41D U.S. Forest Servic 5P L. G. Adamson 7A B. E. Skelton 41D Lowell E. Perkins	2 3 5 C C 3 3	Morobay Lock & Dam Morriiton Mount Ida Mount Magazine Mountain Home	4938 4988 5010	Calhoun Conway Montgomery Logan Baxter	3 1 3 1	33 1 35 0 34 3 35 1 36 2	9 92 27 7 92 45 3 93 38 0 93 41	663	5P 7A 7P	7A 7A 7A 7P	Corps of Engineers Euma S. Leavell William E. Black U.S. Forest Service B. H. Halbert	3 C 2 3 5 2 3 5 2 3 5 2 3 5 2 3 5	2
Beech Grove Beedeville Benton Bentonville Berryville 4 NW	0536 0582 0586	Greene Jackson Saline Benton Carroll	6	35 20 34 33 36 25	90 38	298 221 285	6P 6P	8A B. B. Bassond 8A P. M. Breckinridge 8A Mrs. Etta C. Burks 7A Earle L. Browne 7A James C. Mayes	3 3 2 3 5 2 3 5 3 C	Mountain Home C. of S. Mountain View 1 W Mountainburg 3 SSW Mulberry Narrows Dam	5046 5056 5072	Baxter Stone Crawford Frenklin Plke	1 1	35 3	92 08 6 94 12 4 94 01	730	5p	7A 5P	Corps of Engineers Mildred E. Ward CLOSED Rebry G. Arvin Corps of Engineers	2 3 5 6 0 3 11/10/54 3 2 3 5 6 0	e e
Big Flat Big Fork Big Lake Outlet Black Rock Blakely Mountain Dam	0662 0664 0676 0746	Baxter Polk Mississippi Lawrence Garland	7 3 5 7	36 00 34 29 35 55 36 07	92 24 93 58 90 08	1250 1100 238 259		7A CLOSED	1/1/55 3 3 3 3 3 6 C	Nashville Peach Substa, Nashville SCS Nathan Newhope Newport	5112 5114 5158 5174	Howard Howard Howard Pike Jackson	4 4 3 3	34 0 33 5 34 0 34 1	93 56 7 93 51 7 93 52	550	7A	7A WID 7A 7A	Unly. of Arkansas Soll Cons. Service Edna J. Westfall Elsie F. Word Luther D. Summers J	2 3 5 3 3	
Blue Mountain Dam Bluff City Blytbeville Booneville Botkinburg	0800 0806 0830	Yell Nevada Mississippl Logan Vnn Buren	1 3 5	35 06 33 43 35 56 35 09	93 39	455 360 252 511	7Å 7P	IID Corps of Englneers 7A Paul M. Adams 7A lvy W. Crawford 7A Cleo E. Yandell iiD Thomas M. Pearson	2 3 5 7 2 3 5 C	Niarod Dam Norfork Dam Odell Oden Okay	5200 5228 5354 5358	Perry Baxter Wasbington Montgomery Howard	7 1 3	34 5 36 1 35 4 34 3	7 93 10 5 92 15 8 94 24	1500 800	84	8A MID 7A 7A	Corps of Engineers Corps of Engineers Mrs. Rebox Hurst Vera J. Gamb J. T. Hargis	2 3 5 6 6	200
Boughton Bradford Brinkley Buffalo Tower Bull Sboals Dam	0848 0872 0936 1010	Nevada White Monroe Newton Baxter	3 7 7	33 52 35 25 34 54 35 52	93 26 91 28 91 10	235 240 205	5P	7A Iris Elmore Wicker 7A Mershall Bickmon 5P Carl L. Riddell 7A Beulah F. Fowler 1D Corps of Engineers	3 3 2 3 5 7 C	Osceola Owensville Ozark Paragouid Paris	5480 5498 5508 5562	Mississippi Saline Franklin Green Logan	2 3 1 5	35 4 34 3 35 2 36 0 35 1	3 89 58 7 92 49 9 93 50 4 90 29	250 500 396		8A 8A 6A 4P	Alwyn A. Cowan Guy Cook Burns Wakefield Radio Station KDRS Fred J. Girard	3 3 2 3 5 7 2 3 5 2 3 5	
Burdette Cabot 4 SW Callco Rock Camden 1 Camden 2	1052 1102 1132	Mississippi Pulaski Izard Guachita Guachita	2 7 7 3	35 45 34 51 36 08 33 38	89 57 92 04	240 289 400 116	7A	6P G. A. Bale 5P B. M. Waltber 7A Austin D. Harris 7A John W. Knight 1D Editb Z. Lehman	3 3 3 7 2 3 5	Parkin Parthenon Perryville Pine Bluff Pine Bluff CAA AP	5586 5602 5694 5754	Cross Newton Perry Jefferson Jefferson	5 1 1	35 1 35 5 35 0 34 1 34 1	6 90 35 7 93 15 0 92 49 2 92 00	325 215	5P	7A M1D 7A 7A	Corine D. Gardner Artbur B. Carlton Fancls Finkbeiner Wary T. Scheu U.S. Civii Aero Adm	3 2 3 5 2 3 5 2 3 5 7	c c
Camp Chaffee Canaan Carliele 1 SW Carpenter Dam Clarendon	1172 1188 1224 1238	Sebastian Searcy Lonoke Gariand Monroe	1 7 1 3	35 18 35 55 34 47 34 27	94 18 92 44 91 45	419 235	8A	8A U. S. Army ID Froney Dell Borton 8A John L. Tait ID Ark. Pwr & Sgt Co. 7A B. F. Nortbern	2 3 5 3 C	Pine Ridge Pocabontas 1 Portland Prescott Prescott SCS	5760 5820 5866 5908	Montgomery Randolph Asbley Nevada Nevada	3 7 3 3	34 3 36 1	5 93 54 6 90 59 4 91 30 8 93 23	846) 5 p	7A 7A 7A 7A	J. R. Huddieston Benedictine Sistere Mrs. Pearl Newton R. P. Hamby Soil Cons. Service	3	c
Clarksville Ciinton Cold Springs Combs 3 SE Compton	1492 1520 1574	Johnson Van Buren Scott Madison Newton	7 3	35 28 35 33 34 58	93 28	436 510 1250	6P	6P Dr. lrving F. Beac 7A Earl B. Riddick 7A Margaret Zornes 4ID Maude C. Breshears 4ID William L. Binam	2 3 5 3 3 C	Pyatt Ratcliff Ravana Remmel Dam Ricon	5970 6008 6016 6102	Marion Logan Miller Hot Spring Cleveland	7	36 1 35 1 33 0	6 92 51 8 93 53	250	1	MID 7A	Ona V. McLean Lulu M. Weeks Bonny L. Alien Ark. Pwr & Lgt Co. J. H. Yaney	3	0
Conway Corning Cotter Cove Crossett 7 S	1632 1640 1666	Faulkner Clay Baxter Poik Ashley	1 7 7 4	35 05 36 26 36 17 34 26	92 27 90 35 92 31	309 293 440 1050	5P 7A 5P	SP G. Y. Short 7A Mrs. Laura Polk 7A Robert T. Fielding 7A Joe C. Allen 5P U.S. Forest Servic	2 3 5 2 3 5 7 C 3 3 8 2 3 5	Rogers Russellville Saint Charles Saint Francis Searcy	6248 6352 6376 6380	Benton Pope Arkensas Clay White	7 1 7 5	36 2 35 1	0 94 07 8 93 08 3 91 08 7 90 08	138° 360 200 300	SS SP 8A	SS 5P 8A 7A		2 3 5 7 2 3 5 6 2 3 5 3 2 3 S 7	
Crystai Valley Cummins Farm Daisy Dammscus Danville	1768 1814 1629	Pulaski Lincoln Pike Faulkner Yell	1 1 3 1	34 4: 34 0: 34 1: 35 2:	92 26 91 35 93 45 92 25 93 24	350 176 629 705	6P	7A Virda Byrd 6P Cumnins Prison Far 7A Ferna Jones Tedder 7A William A. Brown 7A J. A. Moudy	3 5 C 3 7	Sheridan Tower Shiriey Siloam Springs Smithville Sparkman 4 E	6566 6586 6624 6698	Grant Van Buren Benton Lawrence Dailas	3 7 1	14 2 15 3 16 1 36 0	7 92 21	296 606 1156 45	6P	6P 7A 7A MID	Ark. Forestry Comm. Haud H. Bradford John Brown Univ. A. R. Richardson Mrs. Rachel Butier		С
Dardnnelle De Queen : Denver 2 E Dermott Des Arc	1948 1956 1960	Yeil Sevier Boone Chlcot Prairie	7 2	34 0: 36 2: 33 3:	93 09 94 21 93 18 91 26 91 30	1028 140		7A Gretchen Goodier 7A O. Tucker Vasser 4ID Clarence E. Collin 8A L. W. Wilson 7A C. J. Rister	2 3 5 2 3 5 7 6 3 2 3 5	Stamps Star City 2 S Steve Stuttgart Stuttgart 9 ESE	6820 6856 6918	Lafayette Lincoln Yell Arkansas Arkansas	3 1 1	33 2 33 5 34 5 34 2 34 2	4 91 51	39: 68: 21:	2 1 6P	7A 7A 7A	Ark. Forestry Comm I. P. Sims George L. Clark niv. of Arkansas	3 3 3 2 3 5 2 3 5 6	С
Devils Enob 1 Dumas 1 Dumas 2 Durbam Eagle Gap	2148 2150 2176	Johnson Desba Desba Wasbington Scott	2 7	33 5: 33 5: 35 5	93 24 91 30 91 30 93 59 94 19	162 165 1243	5P 7P	7A Earnest C. Campbel 7P Ben Johnson 41D Ark. Pwr & Lgt Co. 41D Goidie E. Brink 8A Maxine M. Booper	1 2 3 5 7 C C	Subiaco Sugar Grove Sugar Loaf Mountain Taylor Temarkana WB Airport	6940 6944 7038	Logan Logan Cleburne Columbia Willer	7 4	33 (4 93 48 9 91 58	24	7		New Subiaco Abbey O. R. Fennell CLOBED Idella O. Norwood U.S. Weather Bureau	2 3 5 3 S/25/54 3 2 3 5 7	С
El Dorado CAA AP Eureka Bprings Evening Sbade Fayetteville Fayetteville CAA AP	2356 2366 2442	Union Carroll Sbarp Washington Wasbington	7 7 1	36 2 36 0 36 0	92 48 93 44 91 33 94 10 94 10	1465 490 1370	6P 7P	MID U.S. Clv11 Aero Ad 6P Mabel F. Spray 7A Opba Wolfe 7P Charles F. Ford MID U.S. Civ11 Aero Ad	2 3 S 7 C 3 2 3 5	Turnpike Viola Waldron Walnut Grove Walnut Ridge CAA AP	7450 7488 7524	Pope Pulton Scott Independenc Lawrence	e 1	35 36 34 35 7 36	93 05 24 91 59 4 94 06 11 91 21 18 90 56	9 69 6 67 25	2 5 51	7 A 5 P 6 P		3/16/55 2 3 5 7	с
Fayetteville Exp. Sta. Flippin CAA AP Fordyce 6 W Foreman Forester 4 WNW	2528 2540 2544	Washington Marion Dallas Little River Scott	7 3	36 1 33 4 33 4	94 10 92 36 92 31 94 24 7 93 53	700 280 400	5P WID 5P	5P Univ. of Arkansas MID U.S. Civil Aero Ad 5P John Yeager MID Leslie P. Callens 7A Mrs. L. L. Nelson	2 3 5 7 2 3 5 2 3 5 C	Warren Wasbita West fork Wheeling White Rock	7592 7694 7744	Bradley Montgomery Wnsbington Fulton Franklin	20 00 00	36	18 93 32 15 94 11 19 91 52	2 61 1 134 2 68	0	MID MID	Warren Cotton Oil Co Nora Lee Mayberry Effie D. Little Thomas W. Cone U.S. Forest Service	3	c c
Forrest City fort Smith WB Airport Fort Smith Water Plant Fountain Bill Fulton	25 78 25 98	St. Francis Sebastian Crawford Asbley Bempstead	1 3	35 3 33 2	90 43 94 23 9 94 09 1 91 56 7 93 44	793	M1D 5P	MID Thomas A. Moore MID U.S. Weather Burea 7A R. J. Schoeppe 6P Jethro R. Denson 8A lna J. Logan	u 2 3 5 7 C 2 3 5 3 3	Whitecliffs Wilson Winfrey Wing Wynne	7936	Sevier Mississippi Crawford Yell Cross	1	35	18 94 04 14 90 02 14 94 06 17 93 28 13 90 46	3 115	7 51 2 0	MID	L. M. Snead D. O. Anderson Clyde F. Meadors Miles B. Turner Wm. M. Courtney	3 2 3 5 2 3 5	c c
Georgetown Gilbert Glenwood Grannis Graveily	2794 2842 2908	White Searcy Pike Polk Yell	3	35 5 34 2 34 1	7 91 20 9 92 43 9 93 33 4 94 20 3 93 4	595 547 920	6P SS	7A Bessle E. Akers 7A C. Eli Jordan 7A Daisy G. Vaught 7A W. E. McVay 7A Willie Pendergraes	3 2 3 5 7 C 3 2 3 5 3 5	Yellville	80 84	Marlon		36	3 92 41		0	7A	Madge V. Doshier	3	
Gravette Green Forest Green Mountain Greenbrier Greenwood	2946 2952 2962	Benton Carroll Stone Faulkner Bebaetian	7 7 1	38 2 36 0 35 1	94 23 93 20 2 92 13 4 92 23 3 94 13	1350 2 1100 3 360	SS 7A	SS Elson B. Schmidt 7A Obed B. Wilson 7A U.S. Forest Servic 8A Thomas E. Cantrell 7A Dorothy M. Been	2 3 5 7 3 5 2 3 5 3 3	† Heber Springs 3 NE Danville SCS Sales	1835 6403	Cleburne Yell Fulton	1	35 0	2 92 01 4 93 24 3 91 50	37	8	MID 7A	ester B. Logan Oil Conservation Se Jas. B. Caldwell	3	c
Gurdon Hampton Hardy Harrison Heber Springs 3 BW	3098 3132 3164	Clark Caihoun Sbarp Boone Cleburne	7	33 3 36 1 36 1	93 0 2 92 2 9 91 2 4 93 0 8 92 0	3 202 9 362 7 1150	6P	7A Roy S. Robbs BA Soil Cons. Service MID Theresa Donaldson 7A Bea Gray Beene MID Wayne Btark	3 3 0 2 3 S	Ozone	5514	Јонавов	1	35 3	93 27	19D	0	7 A	waurice R. Brandt	3	
Hector Helenn Hendereon 2 W Hope 3 NE Hopper	3242 3258 3428	Pope Phillipe Baxter Hempstead Montgomery	1 2 7 4	35 2 34 3 36 2 33 4	8 92 5 2 90 3 2 92 1	8 S55 5 200 6 580 3 375	8P 8A	7A Dorotby H.Spllsbur 7A Charley M. Fridder 7P Emil W. Bentzlen 7A Cecil M. Bittle 7A Lona A. Sbields	y 3 1 2 3 5 3 2 3 5 6 C												
Horntio Hot Springs 1 NWE Buntswille Huttig Dam 1ndex	3442 3466 3540 3556	Sevier Garland Madison Union Little Rive	4 3 7 3	33 5 34 3 36 0	6 94 2 1 93 0	2 337 3 630 4 1453 5 60	5P	6A Elizabeth W. Frids 5P Natl Park Service MiD Mny Pearl Markley 8A Corps of Engineers 8A W. E. McDowell	2 3 5 7 C							and the same of th					
Jasper Jessleville Josesboro Keo Kingsland	3606 3704 3734 3862	Newton Gariand Craighead Lonoke Cieveland	7 3 7 1	36 0 34 4 35 5 34 3	1 93 1 2 93 0 0 90 4	1 857 4 730 2 345 0 230	6P 7P	7A Lottie D. Davls 7A Mrs. Velma M. Duni 7A Benedictine Sieter 7P R. A. Walier MID Claudie W. Huntwr	3 3												
Lake City Lamar 2 SW Langley Lead Hill Lee Creek Guard Sta.	3998 4019 4066 4106	Craighead Jobnson Pike Boone Crawford	5 1 3 7	35 4 35 2 34 1 36 2		6 230 5 550 1 796 4 710	7p	7A Tressa Bt. Clair MID Peacb Exp. Station 7A Mabei F. Forrester 7P F. W. Kellogg 7A U.S. Forest Service	2 3 S												
Leola #Little Rock WB Alrport Little Rock Filt. P1. Lost Corner Louann 2 SE	4134 4244 4256 4324	Grnnt B Pulaski D Pulaski Pope 2 Dnion	3 1 1 7	34 1 34 4 34 4 35 3	0 92 3 4 92 1 6 92 1 4 92 5 2 92 4	5 261 4 257 9 512 0 1550	MID	7A J. R. Rbodes MID U.S. Weather Bures MID L. R. Water Works 7A Catherine Russell 6P Flora A. Hamilton	3	† Continuatio	n of	Sugar Loaf Me	unt	ain r	ecord.						
† DRAINAGE CODE 1. AR	PANCA	2 MISSISS		\perp			PED :		TIME 7 WHITE				_								-

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers with

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issue of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Burcau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTF EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of Arkansas may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windsheld.

 Data based on observational day ending before noon.

 Adjusted to a full month.

 Data for recorded stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 One or more days of record missing, see Table 5 for detailed daily record. Degree Day data, if carried for this station have been adjusted to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
- to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly f
 Hourly Precipitation Data).

 Trace, an amount too small to measure.

 Includes total for previous month.
 This entry in time of observation column in Station Index means observation made near sunset. R

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U. S. DEPARTMENT OF COMMERCE SINCLAIR WEEKS, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

SEPTEMBER 1955
Volume LX No. 9



ARKANSAS - SEPTEMBER 1955

WEATHER SUMMARY

September was mostly warm and sunny. There were many rainless days but generous showers over some parts of the State brought the average rainfall for the State to above normal. The bright sunny weather of the first part of the month was ideal for harvesting cotton, rice, and feed crops. The rains which fell during the latter part of the month were a boon to pastures, late hay crops, small grain and winter legumes.

The first few days averaged slightly cooler than normal. Warm weather prevailed from the 7th to 10th. Most stations registered their warmest temperatures for the month during this period. Maximums on those days ranged mostly from the upper 90's to a few degrees over 100 degrees. The highest temperature during the period was 103 degrees at Stuttgart on the 8th. A cold front which moved across the State on the 10th and 11th preceded the coolest weather of the month. Minimums in the 40's and 50's were common on the 13th. The lowest temperature for the month was 40 degrees at Batesville Livestock and at Paragould on the 13th. The last half of the month was warmer than normal. The 20th and 21st were especially warm. The warmest temperature for the period was 103 degrees at Paris on the 21st. Monthly mean temperatures ranged from 70.9 degrees at Harrison to 79.2 degrees at Stuttgart. Temperatures averaged above normal at almost all stations. The largest temperature departures were mostly in the central and the extreme northeast part of Arkansas.

Very little rain occurred during the first three weeks of September. Frequent showers fell over parts of the State during the last decade. Some stations received generous amounts on one or more days. Monthly totals ranged from 0.27 inch at Dermott to 11.90 inches at Aplin 1 W. Many western stations received more than 4.00 inches but most eastern stations received less than 3.00 inches. A few stations in the extreme southeast received less than 1.00 inch but a few in the west central part of Arkansas received more than 6.00 inches. In general, most western stations exceeded their September rainfall normals and most eastern stations received less than normal precipitation.

Crops matured rapidly in the bright sunny weather of the first three weeks of September. Cotton picking got underway early in the month and was soon in full swing. Rice harvest got underway and the harvest of corn and sorghums for grain became general. The weather, ideal for harvest, delayed seeding of fall grains. Some farmers dusted in their oats; others waited. Pastures deteriorated and general rains were needed for late maturing crops. The rains which occurred during the last 10 days of September spurred fall seeding, benefited the pastures, and germinated the oats that had been dusted in. The rains also stopped the cotton pickers and delayed the rice harvest. The fine supply of soil moisture brightened the prospects for winter grazing. The winter feed situation was favorable. Livestock were in excellent condition. The harvest of cotton, rice, soybeans, and feed crops progressed in spite of the interruptions due to the late September rains.

STORMS

Lightning destroyed 12 head of registered Hereford cattle in a pasture near Greenwood, Sebastian County, on September 27. The cattle were valued at \$15,000. On September 30 lightning struck a farm home in eastern Washington County. The house burned. The loss was estimated at \$2,000.

Lucius W. Dye

SUPPLEMENTAL DATA

ARKANSA.

		Wind	direction		Wind	speed p. h		Relat		ndity av	ега 9 ев		Numi	per of d	ays with	precip	itation			18et
S	Station	Prevailiog	Perceot of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	2:30P CST	6+30P CST	Trace	01-09	10-49	6609	1.00-1.99	2.00 and over	[ota]	Perceot of cossible unshice	Average iky cover sunrise to sur
	ORT SMITH WE AIRPORT	ENE	25	6.0	32	N	10	82	88	50	59	2	2	2	1	1	1	9	69	3.8
in,	TILE ROCK WE AIRPORT	ENE	11	7.6	29		30	72	81	47	51	1	2	0)	0	2	5	69	3.6
	XARKANA W8 AIRPORT	-	-	-	-	-			-	-	-	0	1	2		2	1	6	-	_

COMPARATIVE DATA

1,		Т	emperati	IT 6	P	recipitati	on		T	emperatu	re	p	recipitatio	on		Т	emperatu	lre	F	recipitati	on
	Year	Average	Highest	Lowest	Average	Average		Year	Ачегаде	Highest	Lowest	Åverage	Average		Year	Average	Highest	Lowest	Average	Average	
	191 192 193 194	73.4 70.8 74.0 73.1 77.1	102 96 103 100 105	40 32 36 38 32	0.94 2.14 3.75 3.56 1.36	.0		1916 1917 1918 1919 1920	71.8 67.3 74.6 74.9 79.6	102 99 104 108 100	30 37 29 40 30	3.40 1.76 4.63 2.72 3.56	.0		1941 1942 1943 1944 1945	71.3 70.4 74.3 73.8 74.0	102 100 104 103 104	39 28 38 42 39	3.60 3.52 3.23 1.84 7.85	.0	
	196 197 198 199	73.3 76.6 75.2 71.9 78.0	106 108 104 109 104	35 33 40 28 48	3.25 0.60 7.35 1.21 4.25	.0		1921 1922 1923 1924 1925	76.2 73.0 69.7 80.5 76.8	104 106 98 103 113	35 37 45 29 47	3.38 1.25 5.56 3.99 5.96	.0		1945 1947 1948 1949 1950	72.4 76.0 72.6 69.1 70.1	100 112 102 99 95	33 36 35 28 33	1.48 3.28 0.88 3.20 5.35	.0 .0 .0	
	101 102 103 104	68.4 70.7 75.4 74.2 75.7	101 99 102 101 100	32 30 34 37 44	3.08 5.06 2.4 2.46 3.90	.0		1926 1927 1928 1929 1930	75.9 70.5 73.4 75.7 78.4	101 104 101 102 106	40 32 32 41 35	3.99 3.37 0.45 2.46 4.10	.0		1951 1952 1953 1954 1955	71.9 71.7 74.7 77.3 75.7	108 104 106 109 103	37 34 32 37 40	4.61 2.04 0.99 2.62 3.32	T T T T T T T T T T T T T T T T T T T	
200 200 200	106 107 108 109	73.9 73.4 74.7 76.4 79.0	100 106 101 108 101	47 38 29 31 44	6.24 2.22 4.00 2.84 2.41	.0		1931, 1932 1933 1934 1935	73.8 78.5 71.3 72.4 78.9	102 103 102 100 103	34 35 41 37 35	1.00 2.54 5.10 5.46 3.13	.0								
3	11 12 13 14 15	78.5 71.7 74.4 74.9 72.5	102 106 108 101 100	46 32 33 38 34	3.67 2.40 10.10 3.19 1.43	.0		1936 1937 1938 1939 1940	72.7 75.7 79.9 71.2 75.4	109 102 107 112 100	38 34 32 35 31	4.15 4.27 1.55 1.77 1.83	.0		ALL YEARS	74.2			3.28	Т	

EGINNING WITH 1955, AVERAGES HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

CLIMATOLOGICAL DATA

TABLE 2

																							_	
					Ten	npera	ture										P	recip	itation					
					le le					60	N	o. of	Day	s			>		Snow,	Sleet,	Hail	No	. of	Day
Station		Аvегаде Махітит	Average Minimum	Average	Departure From Norm	Highest	Date	Lowest	Date	Degree Days	Mo ot V	32° or X	Melow M		Total	Departure From Norma	Greatest Da	Date	Total	Max. Depth	Date	.18 or More	50 or More	5
IGHLAND DIVISION														1										T
ILUM FORK ISHOOWN JENTONVILLE AGONEVILLE IAMP CHAFFEE LARKSVILLE IONALY JAROANHLLF E DIEEN	АМ	90.5 90.4 91.0 87.3 93.0 89.8 91.1 90.8 91.4 91.2	62.3 63.0 60.5 58.6 62.5 62.2 61.9 63.1 60.3	76.4 76.7 75.8 73.2 77.8 76.0 76.5 76.9 77.3 75.8	2.6 1.2 1.9	98 99 96 102 97 100 100 99	9+ 8 7+ 7	53 46 46 51 52 50 49 52	13+ 2+ 13 14	0000000	20 17 19 14 23 19 22 19 23 21	0000000	0000000000	0 0 0 0 0 0 0 0	7.53 8.00 3.57 2.37 3.88 6.60 3.44 4.63 4.56 4.30	- 1.85	4.20 2.22 0.80 1.42 3.64 2.07 2.44 2.52	23 28 30 23 30 30 23	0.0	0000000000		4 5 3 5 5 4 3 3 3 3 3	3 3 2 3 3 3 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

					Ten	npera	ture									P	recip	itation					
					le					8	No.	of D	ays		al	y.		Snow,	Sleet, F	Iail	No.	of D	ay
Station		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Deg	Above 32° or	+	Min.	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	or More
OEVILS KNOB EUREKA SPRINGS FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP FORT SMITH WB AP FT SMITH WATER PLANT GILBERT GRANNIS GRAVETTE GREEN MOUNTAIN AM	2 // 8 8 8 8 8 8 8 8 8 8	83.7 89.1 86.6 86.3 86.6 89.0 89.5 89.5 89.5 89.5 89.5	64.2 61.1 60.6 57.9 58.0 57.4 64.5 57.9 55.7M 62.9 58.1	74.0 75.1 73.6 72.1 72.3 73.2 77.0 73.7 72.8M 74.6 72.6	2.8 0.2 2.0 0.6 1.4	94 99 95 95 97 98 96 100 96	8 8 8 8 8+ 19+ 7 8 21	52 50 49 45 46 43 55 48 44 55 47	12 2 2 2+ 13 13 13+ 2+ 14 13		12 11 13 17 18 16 18 8			4.96 4.28 4.79 4.14 2.40 4.65 3.80 1.99 6.13 3.30	- 0.23 0.23 0.94 - 1.58 1.89 - 0.93	3.00 2.92 1.84 1.94 1.89 0.86 2.09 2.48 1.03 4.72 1.54	30 29 30 30 22 30 30 22	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000		4 4 5 5 4 4 3 6	2 2 3 4 2 3 2 2 2 2	1 2 2 1 0 2 2 1 2 1
HARRISON HOPE 3 NE HOT SPRINGS 1 NNE LEAO HILL LITTLE ROCK W8 AP MALVERN MAMMOTH SPRING MARSHALL MENA MORRILTON MOUNT 100 MOUNT 100 MOUNTAIN HOME MOUNTAIN	7 / B & & G & B & G & G & G & B & G & B & B	87.9 90.6M 90.8 89.4 90.8 90.8 90.8 90.8 90.6 887.5 988.7 888.7 888.3 89.3 90.6 888.3 89.3 90.6 888.3 90.6 888.3 90.6 888.3 90.6 888.3 90.6 888.3 90.6 888.3 90.6 90.8 888.3 90.6 888.3 90.6 90.8 888.3 90.6 90.	53.9 M 65.0 56.2 65.5 61.5 56.0 58.0 761.9 59.8 58.7 62.2 64.3 63.2 60.2 61.7 61.4 60.2 61.4 60.2 61.5 60.8 63.6 66.3 758.5 64.8	70.9 70.5M 77.9 72.8 77.5 76.2 73.8 75.6 3 74.1 76.3 74.1 77.5 76.1 77.5 76.7 77.5 76.7 77.5 76.7 77.5	0.2 0.5 2.1 0.9 2.7 2.1 1.1 1.3 1.3 1.0 2.3	97 100 101 99 99 100 100 95 100 97 98 88 100 101 102 103 101 101 101 101 94 101 101 96 93 30 101 101 102 103 104 105 106 107 107 108 108 109 109 109 109 109 109 109 109 109 109	8 9 8 19+ 7+ 8 20 8+ 7+ 9 8 8 9 8 9 8 8 21 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	41 53 52 42 42 56 49 47 56 42 46 53 47 53 53 48 48 48 48 48 47 57 57 57 57 57 57 57 57 57 57 57 57 57	12+ 13 26 12+ 13+ 13 2+ 6+ 13 13 12 2 13 13 13 13 13 13 13 13 13 13 13 13 13	000000000000000000000000000000000000000	20 21 16 16 19 18 15 11 22 20 11 17 22 21 12 22 21 21 21 21 21 21 21 21 21	000000000000000000000000000000000000000		2.60 3.69 4.76 4.93 4.75 4.20 2.27 3.57 3.38 4.00 3.85 2.27 2.29 4.491 6.08 6.64 4.27 3.52 8.68 3.43 4.90 3.52 6.83 4.90 3.52 8.68 8.68 8.68 8.68 8.68 8.68 8.68 8.6	- 1.36 0.63 1.39 1.42 1.90 - 1.25 - 0.46 - 0.48 1.26 0.53 - 1.48 - 0.65 0.96 0.13 4.04 0.03 - 1.09	1.30 2.52 2.33 2.240 2.466 1.70 3.20 3.20 3.60 1.77 1.12 4.00 3.40 3.40 3.40 3.40 3.40 3.40 3.40	23 30 30 23 30 23 23 23 23 30 23 23 23 30 30 23 23 23 30 23 23 23 30 23 23 23 23 23 23 23 23 23 23 23 23 23				454425351425543435444542535534	223 422 1 3 1 3 1 2 2 2 3 3 3 3 3 3 2 2 2 2 3 3 2 2	1 1 2 2 2 2 1 1 1 2 1 1 3 2 1 1 3 1 2 2 1 2 3 2 1 2
OIVISION OELTA OIVISION				75 • 2	1.4									4.35	0.96			0.0					
ARKAOELPHIA BALO KNO8 BATESVILLE LIVESTOCK AM BATESVILLE L AND O NO 1 BLYTHEVILLE RINKLEY CAMOEN 1 CORNING CROSSETJ 7 S CUMMINS FARM DES ARC OUMAS 1 EL OORAOO CAA AP FOROYCE 6 W HELENA JONESBORO KEO MAGNOLIA 3 N MARIANNA 2 S AM MARRAD TREE MONTICELLO 3 S NEWPORT PARAGOULO PINE BLUFF PINE BLUFF PINE BLUFF PORTLAND OPRICADO PINE BLUFF STUTTGART SAINT CHARLES SEARCY STUTTGART 9 ESE WALNUT RIOGE CAA AP WÄRREN WILSON WYNNE	8 8 9 9 9 9 9 9 8 8 8 8 9 9 9 9 9 9 9 8 8 8 8 9	92.2 99.1 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.3 99.3 99.5 99.6 88.7 99.1 99.8 99.9 99.8 99.8 99.9 99.8	64 · 1 59 · 0 56 · 2 59 · 1 61 · 4 63 · 9 61 · 5 63 · 7 59 · 8 63 · 7 65 · 7 65 · 7 66 · 7 66 · 7 67 · 7 61 · 0 63 · 8 61 · 7 61 · 9 63 · 9 64 · 9 65 · 9 66 · 9 67 · 9 68 · 9 68 · 9 69 · 9 60 · 9	78 · 2 74 · 1 74 · 3 75 · 3 77 · 0M 76 · 8 75 · 4 77 · 9 75 · 0 78 · 5 77 · 8 76 · 7 75 · 2 76 · 7 75 · 2 76 · 2 77 · 5 76 · 2 77 · 5 77 · 5 77 · 5 77 · 6 75 · 7 75 · 2 77 · 5 77 · 6 78 · 7 75 · 2 77 · 5 77 · 6 78 · 7 75 · 2 77 · 5 77 · 6 78 · 7 79 · 2 77 · 6 78 · 7 75 · 2 77 · 6 78 · 7 77 · 6 78 · 7 79 · 2 77 · 6 77 · 7 79 · 2 77 · 6 77 · 7 75 · 2 77 · 6 77 · 7 75 · 2 77 · 6 77 · 7 78 · 7 79 · 2 77 · 6 77 · 7 79 · 2 77 · 6 77 · 7 75 · 2 77 · 6 77 · 7 75 · 2 77 · 6 77 · 7 79 · 2 75 · 3 77 · 6 77 · 7 75 · 2 75 · 6 77 · 7 75 · 2 75 · 6 75 · 7 75 · 2 75 · 3 75 · 3 75 · 2 75 · 3 75 · 3 75 · 2 75 · 3 75 · 3 75 · 2 75 · 3 75 · 2 75 · 3 75 ·	2.2 0.9 - 1.0 1.2 4.0 1.1 2.1 1.7	100 98 102 99 98 98 98 99 101 99 98 99 97 97 97 101 99 101 99 101 99 101 99 99 101 99 99 101 99 99 99 99 98 99 99 98 99 99 99 99 99	7+ 7+ 8 7+ 21 20 8 8+ 8+ 8+ 77 8+ 10 8+ 77 8+ 77 8+ 77 8+ 77 8+ 77 8+ 77 8+ 77	50 48 54 53 51 45 51 45 53 46	13 13 13 2+ 13+ 13+	0 2 2 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 20 18 17 16 23 17 17 22 19 17 20	000000000000000000000000000000000000000		2.22 3.04 1.55 0.95 3.20 1.37 2.26 2.24 2.16 2.09 0.49 2.33 1.81	- 1.65 0.28 - 0.67 - 0.85 - 0.47 - 2.89 - 0.27 - 1.46	1.46 1.19 1.79 1.08 0.80 1.95 1.10 1.29 1.16 1.01 0.85 0.18	30 30 30 23 11 28 30 23 30 23 30 23 23 23 23 23 23 23 23 23 23 23 23 23				5 3 3 3 4 4 3 3 3 3 2 2 3 3 4 4 4 3 3 3 3	1 2 1 2 2 1 2 0	2210011120111100112201111110001
OIVISION STATE				76.3 75.7	1.1									2.22 3.32	- 0.86 0.08			0.0					

Ø DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AND STATE MEANS.

ARKANSA"

Control Cont	Table 3																					- Land	48ER 1
Martin M	Station	Total	1 2 3	4 5 6	7 8 9	10	11 13				6 17	18	19	20 2	1 2	2 23	24	25	26	27	28	29	30
THE SECTION 1	BBOTT LICIA LUM FORK	7.53	Т				.04					٠			7 1 m	2.05		.00			.23	3	.85
Column C	ITY 3 NE	4066					T									3.80	.11	T				.53	107
Many Many Many Many Many Many Many Many	LIN 1 W KAOELPHIA KANSAS CITY	11.90 3.10 1.50				1.23									5 .	02 40 .35	7	т				.15 1 1.50	.10
Property of the property of	HENS	6.43					.36					. 34		т		0.01	.06	T			т	ě	
March 10 10 10 10 10 10 10 1	LO KNOB TESVILLE LIVESTOCK	2.06					.07								1	38 1.07 .76		.07	T		, 11	1	.42
THE CASE OF THE CA	ATY LAKE AVER	3.12	,													35 .83 08 .42			.26		.61	T	. 42
THE CASE OF THE CA	EOEVILLE	3.57													04	.29				.50			.16
Column C	NTONVILLE RRYVILLE 4 NW G FORK	3.69					T									57 .50 3.50				.31	.80 1.05	.02	.98
MECHINE 100 10	ACK ROCK	1.28														.21	T		Ţ	• 28	Т	1	.02
Martin M	UFF CITY YTHEVILLE	1.95					-14								04	1.41	.29	•13	.01	.11	.09		2.73
TREES TRUST 1989	AOFORO	2.30					.00									1.30	. 28	.05					. 85
Martin M	FFALO TOWER ROETTE	2.50					-10								10	1.26			•05	•12	. 25		2.99
Marting Mart	LICO ROCK	.92												Т	1	.12	.67	.12			. 05		
Decompose 1,25	MP CHAFFEE RLISLE 1 SW	1.62					.45 .	01						Т		3.64			.02		. 85		1.27
MANY STATE OF THE PLANT 120 120 120 120 120 120 120 120 120 120	ARKSVILLE INTON	3.75				.07											1.56		T		.07		1.89
EX	NWAY RNING	4.63			Ì													.03	'	.09			2.44
MESTER ANN 1.00 T	TTER VE DSSETT 7 S	3.25													04 .	3.25 .36	.03	Т	•11	.51	. 50		
ASCUS	MMINS FARM	1.90														Т					. 52		
December 1, 10 10 10 10 10 10 10	MASCUS NVILLE ROANELLE	4.09					.24								32	1.89	.02	T			. 38 T	T	2.60
VIES COORS	QUEEN	.27																					
RECORD CALLER REAL APPRICES REAL A	VILS KNOB MAS 1	3.03			• 04	.04	.40								01	1.24			.01	.25			3.00
TT TITLE AND ALL AND A	OORAOO CAA AP REKA SPRINGS	1.07				т										10 .45		Т		.45	т	т	.11
PEPIN CLA AP 1.00	ENING SHAOE YETTEVILLE YETTEVILLE CAA AP	4.28				T T	1.06									41 .65			·15	1.15			1.84
RESTER NAME TO STITUTE AD R R R R ST	YETTEVILLE EXP STA IPPIN CAA AP	2.40						1					T	.07		29 .07		T			.03	.70	.86
UNTAIN MILL 4.00	RESTER 4 WNW RT SMITH W8 AP R//	2.62		т		1									28	1.66	т					1.25	.19
LERT	UNTAIN HILL	1.56			.43		•18	.03					т			02 3.34	.62	.23		Т	.10		. 43
AMNES 6.13 WYCLLY 2,94 WYCLY 2,94 WY	LBERT	1.99					•10	1								.13			Т	.04	.04		1.03
EEN MOUNTAIN EEN M	ANNIS AVELLY AVETTE	6.13 2.94 3.30				.63	1.15	Н								4.72 2.17	. 22	Y T		. 25	Т	T	.73
EENDOOD 5.69 7.00 1.11 800	EEN MOUNTAIN	-				- 26		- -	-			-	-	• 77		2.25	- 35			-	-	_	
RRISON 2:00 T	EENWOOO ROON	5.69 2.66				1	.54					.06 T			J	1.12	.62	T		. 75		• • • •	2.46
LENA	RRISON BER SPRINGS 3 NE	2.60				т								.10	.02	.42	:13		.08	.65	. 15		1.88
PRER	LENA NOERSON 2 W	1.95		1			.02									.16 .09	• 83		.54			T	.27
TTIG OAM 74 65 x 55 c 57 c 67 c 68 x 59 c 70 c	PE 3 NE PPER RATIO	3.74					.18	.21								4.23	. 27	+02					
SPER 3,74 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.	TTIG DAM	. 74				.01		. 35		j						.08	.23	.08			Т		1.05
See	SPER SSIEVILLE	3.74					T			ì					.02	2.03	. 29			. 28		.52	1.12
MOLEY AD HILL 4.93 E CREEK 2.07 1.04 1.05 1.09 1.04 1.05 1.09 1.05 1.07 2.10 1.07 2.10 1.07 2.10 1.07 2.10 1.07 2.10 1.07 2.10 1.07 2.10 1.07 2.10 1.07 2.10 1.07 2.10 1.07 2.10 1.07 2.10 2.00 2.00 2.00 2.00 2.00 2.00 2.00	KE CITY	3.88														1.20	.38				. 20		1.70
TTLE ROCK M8 AP R// TTLE ROCK FILTER PL TTLE ROCK FILTER PL 5.73 5.70 5.70 5.70 5.70 5.70 5.70 5.70 5.70	NGLEY AO HILL E CREEK	6.12 4.93 2.87					.04	Ť				.10				.61	т	. 84	1.24	.01	.10		2.20
ST COMER	TTLE ROCK WB AP R//	4.75				Ŧ										.07 2.19					.08		2.40
0150N	ST CORNER UANN 2 SE	5.70				-		- -	-	-	_	-	-	-	-	.30 1.30	-	-	-	-	-	_	4.00
	OISON GNOLIA 3 N	2.40								1						.27 .98	. 42	1			. 1.3		
	MMOTH SPRING	2.27				.04	T									+14				Т	. 43	T	1.70

Table 3—Continued	78		_					-		-						Day	of π	onth																
Station	Total	1	2	T	3	4	5	6	7	8	9	10	11	1	2	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31,
MARKEO TREE MARSHALL MARVELL MELBOURNE MENA	1.45 3.57 2.27 1.50 3.38			-								•5	7 •3 T	36						-		ī		ī	* T	.42 .44 1.50 .48 3.23	•10 T	.02	-04	T T	.01 1.33	*	.92 .87 .77 .63	
MONTICELLO 3 S MOROBAY L ANO 0 NO 8 MORRILTON MOUNT 10A MOUNT MAGAZINE	.54 .62 4.09 4.00 3.85	Т										*10	. 8 . 0	13	.05											.04 .19 2.04 3.60 1.65	•18	•11			T •23	+26	.47 1.00 .07 1.77	
MOUNTAIN HOME MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY NARROWS OAM	2.27 2.29 2.18 3.87 4.49												• 1												•38	.10 .54 .61 .75 3.40			•22 T	•42 •15	.03 .40	.02	1.12 1.20 1.49 2.90	
NASHVILLE PEACH SU8STA NATHAN NEWHOPE NEWPORT NIMROO OAM	4.91 4.90 6.29 2.64 6.08												.9 .1 .1	5	32				т		Т				*17	3.20 3.95 3.00 1.75 2.25	.57 2.97 .22	•04				.23	.67 2.00	
OOELL OOEN OKAY OSCEOLA OWENSVILLE	3.50 3.70 6.64 2.29 6.58											.95	1.2 T	2										.77	•29	.25 2.00 4.00 .66 3.63	•16 •58	T .02	.27 T	• 35	.50	.34	2.09 .34 .95 .86 1.95	1
OZARK OZONE PARAGOULD PARIS PARKIN	4.27 5.25 2.74 3.72 1.98											•04	1.2								. 10 T		.03		.22 .95			T .01	т .	.12 .14	.41 T		2.28 2.45 .94 1.80 .62	
PERRYVILLE PINE BLUFF PINE BLUFF PINE RIOGE POCAHONTAS 1	8.68 2.22 3.04 3.28 1.55											1 • 43	1 T	.4									T		.35	3.14 1.19 .87 2.09	.10	•05		Т	.09 .03 .04 .08	.02	1.79	
PORTLANO PRESCOTT RATCLIFF RISON ROGERS	.95 3.20 3.13 .46 3.43											Т	.0 .4 .1	5 .	07						T		T	Τ	.40	T 1.95 1.00 .06	•10 •56	*04 T	•52	• 40	•12		1.90	
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM SEARCY	4.71 1.37 1.55 2.33 2.26											•11	•0										Т	.02	•28	2.13 1.10 .23 .34 .81	• 12 • 77				. 03 T . 47		2.16 .13 .55 1.00 1.29	
SHERIOAN TOWER SHIRLEY SILOAM SPRINGS SPARKMAN 4 E STAMPS	4.90 3.21 3.52 2.31 2.64												•1		.07						т	т		.03		2.50 1.03 .95	2.01	.40	.47		•11		2.40 2.15 1.86 .30	
STAR CITY 2 S STEVE STUTTGART STUTTGART 9 ESE SUBIACO	1.01 2.80 2.24 2.16 3.52						• 2	5					₄ 2	6											.08	1.50	1.16				• 12	.40 .41	1.30 .08 .30 1.43	
SUGAR GROVE TAYLOR TEXARKANA WB AP R// TURNPIKE WALORON	2.84 1.86 6.83 4.89 2.07											+09 +19	1.4								Т				•31	1.21 .02 3.27 .54 1.30	1.29	•55 T	т	т	.10		1.40 1.35 2.63 .67	
WALNUT GROVE WALNUT RIDGE CAA AP WARREN WASHITA WHITE ROCK	1.75 2.09 .49 3.70 4.00											•32 •10		0							τ				.14	.58 .38 .07 2.80 1.13			т	.01 T	. 10	T 85 T	.97 .53 .18 .90 2.64	
WHITECLIFFS WILSON WYNNE YELLVILLE	4.30 2.33 1.81 2.70													1	00	Т									.05	2.45 .80	.65	.10		•04		.08	1.73 .84 2.70	

Table 5									D	ΑI	LY	T	ΕM	1PI	ER.	ΑT	UI	RE	S												T E	000	
																Day	Of M	onth															ebpae
Station	MAX	1	2	3	4	5	6	7	8	9 .	10	11	12	13		- +	16			19		21			24	25	26	27	28	29	30	31	Ave
ALUM FORK	MIN	58	85 52	85 54	95	90	60	63	98 65	65	64	87 68	83 58	50	93	65	90 63	63	95	95 65	68	67	69	85 68 80	80 65 78	78 65 84	89 59	97 66	93	90	65		67.3
ARKADELPHIA ASHOOWN	MIN MAX	89 59 89	87 55 88	58	60	95	61	60	63	65	95	68	62	93	96	67	63	66	68	67	69	68	77	69 80	69	66	61	66	68	70	87 66 89		92.2
SALO KNOS	MIN	56	54	88 53 83	89 57 85	92 57 89	92 57 92	98 58 98	99 61 98	95	95	68	85 65	53	93	93	6.1	62	67	66	67	67	71	69	70	68	64	67	70	67	70		63.0
8ATESVILLE LIVESTOCK	MIN	57	49	48	49	56	54	58	60	59	62	67	81 57	86	93	90	57	58	61	58	65	64	64	70	61	64	60	62	66	66	66		59.0
SATESVILLE L AND D NO 1	MIN	56	46	89 46 85	89 49 89	92 53	95	53	102 57	61	99 60 96	96 58 83	85 45 82	40	89 45	95 62	55	56	56	57	63	63	64	67	62	56	58	58	61	66	67		56.2
BENTON	MIN	55	49	49	50	55	53	56	58	62	63	64	51	88 43 91	92 46 93	64	57	58	60	68	65	65	65	69	67	64	57	6	65	68	66		59.1
BENTONY ILLE	MIN	56	50	50	53	55	56	55	59	61	61	67	60	46	49	62	93	93	61	62	66	66	83	68	65	70	58	74	74	66	65		60.5
8LYTHEVILLE	MIN	52	50	53	53	51	52	57	52	61	65	57	46	49	52	58	62	92	63	64	95	64	65	64	62	62	59 79	68	63	67	64		58.6
BOONEVILLE	MIN	58	54	53	57	58	59	64	67	96	68	6.6	47	46	89 54	64	62	61	62	60	66	69	67	69	64	76	57 91	63	66	68	66		93.0
8R INKLEY	MIN	56	90 52 82	87 53	88 59 88	5.7	55	100 57	58	99 61 97	96 65 94	85 59 86	92 56	94 52 89	97 51	95 63 91	68	65	70		69	68	74	71	66	68	64	68	68	71	66		62.5
CAMOEN 1	MIN	60	61	61	62	60	62	71	73		69	66			55	64	59 93	64	63	60	65	67	08	68	67	60 76	57	63	66	69	66 92		63.9
CAMP CHAFFEE	MIN	59	55	87 56 85	88 57	89 59 82	92 59	60	92 63 96	98 63	96 64 95	93 68 94	64	51	93	92 55	63	63	63	63	68	67	68	72	70	66	62	63	69	72	73		63.0
CLARKSVILLE	MIN	56	54	55	61	58	55	93	58	61	64	63	58	83 52	91 52	61	65	60	67	67	71	65	71	69	64	66	63	66	68	70	66		62.2
CONWAY	MIN	58	87 50	53	90 57 89	94 57 93	96	58	100	98	96 64 93	64	85 53	91	95 52 95	93	65	65 95	70	65 97	68	67	72	69 83	68	68	59	93	67	69	65 72		61.9
	MIN	57	86	53	55	58	59	100	63	67	66	86 69	85 56	91	53	68	62	65	67	65	69	70	72	70	68 78	67	58	66 85	68	70	67		63.0
CORNING	MAX	89 58	88 55	85 53	85 53	87 55	92 57	97 61	61	97	98	65	58	7.8 4.6	86 56	91	62	60	61	97	69	69	70	71	661	63	61	64	65	69	68		61.5
CROSSETT 7 S	MAX	63	53	90	58	92 58	92	96	60	61	95	92 68	67	92 53	61	9 0 6 4	60	64	65	65	65	65	70	72	70	65	61	66	72	70	70		63.7
CUMMINS FARM	MIN	86 57	86 51	83 53	87 55	54	91	96	98 60	96 60	63	60	83 59	89 48	92 57	60	58	63	65 93	63	63	65 98	61 91	69	65	63	55 87	61	67	68	75		59.8
OAROANELLE	MAX M [N	90	53	85	90	95	95	60	98 61	97 63	95 65	67	58	90	95	95 67	63	65	70	66 97	69		73	70	68	68	61	67	68	70	5 h		63.1
OE QUEEN	MAX	90	53	52	88 55	93	95	98	99 57	61	95 61	86 65	61	90	94	97	62	61	65	61	64	63	67	65	66	64	60	64	65	67	69		60.3
OES ARC	MAX	83 57	50	51	51	86 54	90 56	93	99 59	60	63	92 65	54	81	86 59	63	59	59	62	60	63	68	68	67	64	63	5 n	59	62	65	63		59.4
OEVILS KNOB	MAX	57	79 59	78 62	63	86 68	70	93 71	94 70	92 70	63	73 60	76	57	65	87 66	65	65	66	69	73	71	69	62	62	58	58	66	62	66	60		92.5
OUMAS 1	MAX	88 58	89 53	88 56	91 57	92 59	61	61	101	64	95 68	91 68	62	92 50	95 62	91 64	62	66	68	65 96	67	69	71	73	68 76	66	59	66	71	69	65		63.7
EL OORAOO CAA AP	MAX	88 62	85 59	88 59	63	91 62	92 63	96 64	97 64	96 65	67	88 69	63	92 57	60	93 68	62	66	66	66	66 96		72	72	70	57	65	69	72 88	72	69		65.5
EUREKA SPRINGS	MAX	86 53	87 50	83 53	89 58	92 56	97 58	96 66	99 56	96 66	69	88 59	82 51	92 52	95	93 66	6.8	66	67 92	67	68	67	64	64	62	5.8	58	6.6	65	61	63		61.1
FAYETTEVILLE	MIN	83 54	49	83 52	85 55	89 55	54	93 58	54	92 60	86 67	60	94 52	52	91 55	91 58	68	67		65	67	71	65		64	58	61	67	65	70	60		60.6
FAYETTEVILLE CAA AP	XAM N1M	84 51	84 45	82 49	85 54	52		55	52	91 61	86 61	75 54	49		90 48	54	62	59	67	61	65		67	65	65	61	62	66	66	64	63		57.9
FAYETTEVILLE EXP STA	MAX MIN	82 53	83 47	81 49	87 53		50	54		59	67		48	46	91 54	5 7	63	60		62	67	68		62	61		59	65		69	61		58.0
FLIPPIN CAA AP	MAX	86 53	85 46	85 50	87 50	91 53		96 57		97 57		78 57					5.8		61	59	65	63	65	66	66	61	58	62	66	66	65		91.2
FOROYCE 6 W	MAX MIN	90 69	87 56	88 58	89 68	92 68	62	97 64	99 66	97 68	70		64	53	57	68	63	64		67		69	72		68		6 1		7 1		66		65.7
FORT SMITH WB AP	MAX		86 58			91 63		96 62	98 61	96 64	92 65	84 64			94 55		67	66	69	70	74	69	72	49	66	6.7	65	69	69	69	67		64.5
FT SMITH WATER PLANT	MAX	87 55	86 48	83 51		90 53		94 55		94 56	91 59	88 52	85 50	84 48	92 48	93	59	58	5.8	65	61	68	66	67	60	6.5	60	65	64	67	64		57.9
GIL8ERT	MAX	85 51	84 46	84 50	87 51	91 51		100		9.8 5.3	89 56	76 60			95 44		55	55	93 58	57	6.2		61	66	67		58	64	65	64	0.1		55.7
GRANNIS	MAX	85 60	84 57	81 59	84 59	88 63		94 65	96 63	97 64	92 61	84 64	59	55	89 57	65	0.0	63	87 66	66	6.6	91 63 95		77 66		65	60	60	67	70	67		86.3 62.9
GRAVETTE	MAX		85 48	8 2 5 3	85 55	90 48	93	92 53	91 52	93 59	63	79 59	83 48	87 47	90 56	91 59	4.2		63					63					61				58.1
GREEN MOUNTAIN	MAX																	0.0	0.5	0.5	0.6	96	0.6	0.1	9.0	7.2	7.0	R.E.	9.3	80	90		87.9
HARRISON	MAX	84	84 42	84 56	86 46	90 49		95 54		9.5 5.3	8 8 5 6	77 56			93 43		53	53	59	55	66	60	61	60	62	5.8	56	56	62	63	61		53.9
HELENA	MAX	88 60	. 88 57	87 58	90 58	60	62		66	98 65	94 67	67		51	95 65		00	64	95 65	65		98 70 98	71		68	65	57	67	68	70	66		91.6
HOPE 3 NE	MAX	86 58		85 55		90 58	90 58	94 60	98 64	100	96 64	94 64	85 64	84 53	90 55	95 57		91 62				68											62.3

See reference notes following Station Index. = 107 -

Table	5 -	Conf	houri

Table 3. Commueu																Day	Of M	lonth														e de
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Average
HOT SPRINGS 1 NNE	MAX	91 62	89 59	88 60	91 61	95 63		100 67	101 61	96 63	94 68	84 67	86 59	90 55	93 60	93 69	91 67	93 66	94 69	95 68	97 75	95 65	90 74	80 68	76 67	81 66	88 52	90 69	90 67	91 71	85 68	90 • 8 65 • 0
JONES80RO	MAX	83 62	84 56	84 57	90 57	94 61		99 65	98 65	98 67	95 69	85 66	81 57	91 52	93 60	92 65	93 63	93 64	95 64	96 64	98 71	97 69	95 69	74 69	80 65	77 62	88 60	93 65	89 67	93 69	74 66	89.9 63.5
KEO	MAX MIN	86 56	86 51	86 51	87 55	91 54	92 56	97 57	98 61	98 63	95 62	87 68	81 57	88 47	94 53	91	91 58	93 62	92 63	95 63	97 66	97 67	90 68	81 70	81 66	80 66	86 57	93 63	88 65	92 67	79 66	89.7 60.7
LEAD HILL	MAX MIN	87 49	84 43	83 48	88 49	91 49	96 50	97 53	97 50	97 64	94 57	81 57	82 42	90 48	95 42	94 56	93 56	94 56	94 57	99 62	99 63	90 64	85 65	85 66	85 64	76 56	80 62	86 64	88 65	93 67	79 63	89.4 56.2
L1TTLE ROCK W8 AP	MAX	86 64	86 60	86 60	88 62	91 61	95 62	99 65	99 69	97 68	91 67	84 70	83 60	89 57	93 57	91 67	90 62	93 64	91 68	95 68	94 74	96 71	87 72	82 70	80 68	80 67	88 62	93 67	86 66	91 70	77 66	89.4 65.5
MAGNOLIA 3 N	MAX MIN	87 58	8 4 5 3	85 54	87 58	89 58	92 57	96 59	97 59	97 62	93 65	93 65	85 64	90 52	95 54	91 65	92 60	92 64	91 67	96 63	98 65	96 68	90 73	84 70	76 70	84 65	90 63	94 65	94 68	92 70	87 69	90.6 62.8
MALVERN	MAX	88 58	86 52	86 54	88 57	94 53	94 58	99	100	97 62	93	86 67	84 60	91 50	94 52	92 65	91 60	92 63	92 66	96 64	97 67	97 65	92 70	82 67	79 67	82 68	88 59	93 65	93 64	92 67	87 67	90.8
MAMMOTH SPRING	MAX MIN	87 52	89 46	88	90 47	95 52	99 50	99	97 54	99 56	95 60	84	82 45	89	95 44	95 59	94 55	95 54	95 59	98 55	100	99	97 62	85 66	84 63	79 60	81 56	94 59	88 65	91 67	81 65	91.5
MARIANNA 2 S	MAX	85 57	84 52	84 55	84	87 54	89 56	91 57	97 62	97 63	95 67	90 68	86 56	80 49	88	90	89 61	91 65	92 64	91 63	95 63	95 67	96 67	94 69	78 66	79 66	77 58	88	972 67	85 69	92 67	88.7
MARKEO TREE	M A X M I N	84	85 55	85 54	84	87 56	90 57	93	96 63	95 63	97 66	94 66	83 51	80 48	89 55	91	90 62	93 61	92 63	92 61	93 65	96 67	96 68	95 69	78 66	82 61	81 57	88 62	93 66	88 67	92 66	89.4
MARSHALL	MAX	85	83	82 47	84	89 51	95 58	57	98 52	97 52	96 62	90 62	75 48	88	91 57	90	90 67	90 62	90 63	94	93 62	95 71	86 70	84 62	82 60	78 60	81	92 66	86 65	84	77 62	87.8 58.0
MENA	MAX	85 57	85 56	82	81	88	92	94	95	92	90	83	83	89	92	90	89 63	92 63	90	94 65	95 72	93	87 70	80 68	77	76 64	87 62	89	89 66	87 70	80 67	87.5 63.7
MONTICELLO 3 S	MAX	89	86	88	90	91	93		100	97	93	87	87	86 57	·91 62	90	91	92	91	92	96 66	97 68	93 71	83 72	79 70	93	92	94	94	93	88	91.1
MORRILTON	MAX	91	88 54	87 52	90	93	95		100	98	92	85 68	84	89	94	93	92 61	93	94	96 63	96 67	98	90	85 70	84	77 67	87 55	92	91 65	91	73 66	90.6
MOUNT IDA	MAX	82	84	84	85	86	90	92	95	97	93	91	85 57	83	88	92	91 59	90	92	89 61	93	96 63	95 64	88	88	76 66	78 58	89	91	87 63	90	88.7
MOUNT MAGAZINE	MAX	81	78 59	21	,,,	54	89	91	93,	87	85	75	75	82	87	85	83	85 65	85	87 68	90	90	83	75	73	67	80	83	81	80	76	82.4
MOUNTAIN HOME	MAX	86	86	85	84	93	94	95	68 97	72	63 92	80	56 87	59 84	66 94	92	93	93 63	94	94	94	95	87	62 85	85	59 75	76	88	87	68 89	60 75	88.3
MOUNTAIN HOME C OF ENG	MIN	57 89	85	53 85	85	54 88	57 94	62 96	61 96	98	97	62 93	80	48 81	51 88	95	91	91	92	92	68 96	96	97	90	84	83	59 74	76	90	87	91	59.8 89.3
NARROWS OAM	M I N M A X M I N	54 86 57	48	50 87 55	51 86 59	54 89 57	53 92 58	58 95 57	55 98	90	95	94	85	85	91	62	96 60	96 59	93	61 92 63	66 96 67	96 63	65 96 68	66 91 69	61 79 67	62 78 68	60 83 61	90 64	66 92 68	67 92 67	65 91 71	90.6
NASHVILLE PEACH SUBSTA	MAX	85 59	88 56	86 58	81 63	88	94 59	94	59 98 64	100	62 95 65	68 95 66	64 86 63	51 84 53	52 89 56	92.	90	89	93:	91 66	95	96	96 68	90 67	79	75 66	82 62	89	91	90	90	62.2 89.7 63.2
NEWPORT	MAX	87 58	88	86 56	89	92	96 56	99	99	98	96 63	85	86 51	91	95 51	94	95 59	94 62	96 62	98 70		99	95 68	77 68	84	79 61	89 57	94	89	94	84	91.5
NIMROO DAM	MAX	86	89	88	87 55	90	94		101		98	94	85	85 47	91	94	94 57	91 62	93	94		98	98 70	92	92	83	83	90	93	93	92 66	91.9
OKAY	MAX MIN	90	88 56	85 56	89	92	94		100	95	93	90	84	89	93	91	90 64	94 63	92	96 66		96 69	91 71	80 69	75 72	85 68	90	92	92 70	93	89 67	90 • 8
OZARK	MAX	93	90	89	91	95 56	96		102	97	95	85 61	84	90	95 52	94	93 66	94 65	94 68	98 65		00	89 71	88	84	76 67	88 62	92	90	95 69	75 64	91.6 61.7
PARAGOULO	MAX	85 58	83	84	88	91	94	99	97 59	99	93	85 64	80	88	90	92	95 58	93 56	93	97 56	98	98	97 65	75 69		75 60	88 59	86	87 65	92	84	89.9 58.5
PARIS	MAX MIN	91 56	90 51	88 53	90 56	95 59			101		98	87 64	87	95 48	99	99	96 62	96 61	95 66	99 64	101 1 67	03	91 72	88 70	95 64	77 68	90 60	95 65	94	95 67	82 65	93.8
PERRYVILLE	MAX	98 55	85 49	88	89 56	93 58	94 55	100	101	98	92	90 66	83 55	88	95 48	92	91 59	92 60	92 64	95 61			92 68	83 69	97 65		87 57	94	90 65	92 68	75 66	91.3 60.2
PINE BLUFF	MAX MIN	90 62	88 58	88 58	90 60	93	95 61	99	101	99	94	89 70	86 61	91 54		92	92 64		93 69	97 69			87 73		79 69		89 61	94	92 71	93 71		91.5 65.8
PINE 8LUFF CAA AP	M A X M I N	87 58	86 55	87 56	88 58	91 56	94 57	97 58	99	97 64	93	88	84	90	93	91	91 60	94 65	94	96 64			87 70	82 70	80		88 60	95	91 69	94		90.3
POCAHONTAS 1	MAX	87 60	87 53	87	90	94		102		99	95 63	83 63	82	89	93	91	94 59	94 59	95 62	96 59	98	99	95 66	84	85 65	77	88	95	90	95	81	91.4
PORTLAND	MAX	90	89	88	90	92	90	93	97	97	96 63	88 63	92	87 56	92 56	88	87 62	90	90 67	90	92	97	94 67	90	91 70	82	86	90	94	92	91	90.8
PRESCOTT	MAX MIN	84	85 56	83	82 58	85 59	90	92	96 61	98	97	95 66	85	83	88	92	92 61	90 62	92	91 64	94	96	95	89	76 67	74	61 83 59	62 87 60	68 93 66	93	93 70	63 • 2 89 • 1
ROGERS	MAX	82	82	91	83 57	88	91 56	90	94	93	64 86 66	77	80 53		90	91	89	90	91	90	93	94	88 65	78	77	74	79	82	85 65	88	80	62.0 86.1 61.4
RUSSELLVILLE	MAX	90 57	89 52	87	88	95 58	97		101		95 66	85 63	86	90	96	94	93	93 63	94	97	98 1	00	94	87	84 67	80	89	94	92		75	91.8
SAINT CHARLES	MAX	86	88	87 55	88 57				98 :		99	96	90	83	91	93	92	95	94	94	96	99	97	94		79	81	90	94	87	93	91.3
SEARCY	MAX	84	84	82	86 55	90	93	98	96	96	93	68 85	81	87	93	90	91 60	92	92		96	96	92	81	82	79	88	94	68 89	92	83	63.3
SHERIDAN TOWER	мАх	89	88	88	89	95	95	100			98	95	87		97	95	95	96	95	96	96	98	95	84	80	82	88	94		92	86	92.5
SILOAM SPRINGS	MIN MAX MIN	56 82 55	51 83	53 85	52 83	53 85	90	62 94			95	63 86	81	84	89	92	92	92	93	94	95	98	96	81	82	79	69	80	63 86	89	89	87.8
STUTTGART	MAX	89	90	90	57 89	91		101	53	101	96	90	53 88		97	94	96	62 95		98 1	01 10	00	93	87		83	90		90	93	86	93.0
	MIN	57	63	58	02	58	62	63	66	66	68	71	60	55	62	65	65	70	70	68	69	12	/1	70	68	66	60	67	70	70	70	65 • 4

Table 5 - Continued									D	ΑI	LY	T	ΈN	1 P	ER.	ΑΊ	'UI	RE	S												1 10	M8	
Station																Dαy	Of M	onth															ebble.
Sidiloti		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
STUTTGART 9 FSF	MAX	87				86 55	90	92 58	97	99 62	96 66	93 69	89 57	84 51	90 58	9 2 6 4	91 62	42	94	92 63	95 66	97	96 67	91 69	81 64	B1 64	79 58	88	93 67	88	91		89.9
SUBLACO	MAX	92 60	90	88 55	90 58	96 62	98 59	100	102	99 63	95 68	85 64	87 57	95 53	98 54	98	95 65	96 65	98 68	97 67	99 70	1 11 69	89 72	88	85 67	76 67	89 61	92 67	97	93 67	79 64		97.7
TEXARKANA WA AP	MAX	88 63	85 60	86 60	88 61	90 63	92 63	96 63	96 66	93	92	85 68	85 64	89 57	91 61	89 70	90 67	91 66	90	69	94 72	92 70	90	75 69	74 69	85 68	88	92	90	91	86 68		88.9
TURNPIKE	MAX M1N	81 59	79 57	80 61	84 64	85 66	90 68	92 70	93 70	91 71	85 63	72 60	77 51	85 57	87 65	8 8 6 6	87 67	88 67	86 65	89 68	92 73	91	83 64	75 65	73 61	71 57	88 58	83 62	85 63	84	77		84.0
WALDRON	MAX MIN	89 53	88 48	86 49	86 55	92 53	9.5 5.2	100	101	97 57	98 58	85 61	87 53	94 46	96 46	95 58	93 60	95 56	95 64	97 61	97 66	99 66	93 71	86 68	82 63	77	90 58	92	90	93 68	92 66		92.0
WALNUT RIDGE CAA AP	MAX	85 57	85 54	86 53	88 54	91 57	97 58	100	99 63	98 67	93 68	82 62	81 49	88	92 52	90 65	91 62	92 62	93 63	95 61	96 70	96 67	93 71	78 69	81 65	75 62	85 60	93	86 66	91 66	77 66		89.2
WARREN	MAX	90 60	8 8 5 5	89 53	89 57	93 58	95 63	98 65	100	99 67	94 63	90 69	83 60	92 53	93 57	95 64	94	94 64	95 66	98 65	100	100	92 67	89 68	83 65	89	94 65	98 66	98	96 67	84 63		93.1 63.4
WHITE ROCK	MAX MIN	87 61	80 60	76 61	77 62	85 67	89 68	90 71	92 72	90	88	74 64	78 54	84 59	88 67	8 9 6 5	86 65	87 67	89	90	91 73	92 71	87	78 62	74 62	69 59	77 56	83	83 65	83 68	77		83.6
WILSON	MAX MIN																							82 69									89.6 60.8
WYNNE	M A X M I N	83 55	84 52	84	87 50	89 57	92 57	95 60	96 67	96 65	91 71	84	82	88	90	88	91	90 65	91	94 61	97	95 70	91 72	80 69	82	78 63	88 57	92 66	87	90	83		88.6

Table 6

EVAPORATION AND WIND

100.00																																	
																1	Day o	of mon	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLAKELY MOUNTAIN DAM	EVAP W1ND				*	*	.96	.26	.36	.20	*	*	.71 167	.22	.24	.23	.30	*	*	.75	.19	.11	.27	<u>-</u> 59	*					.23			6.558 1188
HOPE 3 NE	EVAP WIND					41	- 18	13	_	-	15	32		.33							.24						*	.37		.18	.18		6158
MOUNTAIN HOME C OF ENG	EVAP	.25	.28	.22	.18	.21	.24	.28	.31	.26	.35	.23	.16	.23	.13	.34	.24 35	- 23 37	.23 38	.25	.26	.24	.25	.15	.18	. 23 50	.16	.03	.10	.13	.29 67		6.64
NARROWS DAM	EVAP			.58	.19	.23	.23	. 26	.27	-27 18	.30	.32	.20	.21	.25	.18	19	.18 28	.22	.19	.16	.20 16	. 20	_ 27	.06	.05	.13	.13	.14	.14 16	.16		6.048 626
NIMROD DAM	EVAP													.35	.21	.21	.25	.23	.33	9	.33	.22	.29	.18	- 6		.10		.14		30		7.018 429
RUSSELLVILLE	EVAP						. 22					.37	.25	.21	.22	.26	.20	.26	.22	. 22	.15	.25	.03	9	.40	.18	.04	.15		.11			6.198 364
STUTTGART 9 ESE	EVAP	.19	.21	.21	.20	.19	.19	.20	.21	.34	-20 40	.18	.20	.21	.17	.19	.23	.19 26	.22	.32	.18	.24 34	.33	.08 43	.16	.11	-12 31	.15	.10	.11	.30		5.93 837

	Т		Γ	T			Obs								Γ				Obs			_
Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.		Observer	Refe to table		Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	tim		Refer to tables	
Abbott Alicia Alum Fork Aly 'Amity 3 NE	0064 0130 0136	Scott Lawrence Salino Yell Clark	1 3	35 04 35 54 34 48 34 47 34 17	93 29	256 755 854	5P	7A R	Tamee V, Williams kuby B. Owens J. R. Water Works kurn 8. Swaim (rs. Alta F. Garner	3 3 2 3 5 3 3	ccc	Lurton Madison Magnolia 3 N Magnolia 5 N Malvern	45 28 45 48 45 50	Newton St. Francis Columbia Columbia Bot Spring	4	35 46 35 00 33 19 33 20 34 23	93 05 90 43 93 14 93 13 92 49	2007 215 315 360 311	6P	8A Lola I, Dollar 7A Loren R. Jones 7A Earl E, Graham #ID Ark. Pwr & Lgt Co. 5P Malvern Fire Dept.	3 3 2 3 5 7 2 3 5	С
Antoine Aplin 1 W Appleton Arkadelphia Arkansas City	0188 0196 0220	Pike Perry Pope Clark Desha	1 1 3	34 02 34 58 35 25 34 07 33 37	93 00 82 53 93 03	400 522 200	6P	7A H MID J 6P B	Orew A. Lamb Hobart Watts Hobn A. Jones Hillman E. Lawrence Hobn W. Trammell	3 3 2 3 5 3	ccc	Mammoth Spring Marianna 2 S Marked Tree Marshall Marvell	4638 4654 4666	Fulton Lee Poinsett Searcy Phillips	5 5 7	33 29 34 44 35 32 35 54 34 33	91 32 90 45 80 25 92 38 90 55	690 234 229 1050 195	8A	7A John B. McKee 8A Univ. of Arkansas 7A William M. Crick 7A Mrs. Minnie Borton 8A Sterlin Wallace	2 3 5 7 2 3 5 7 2 3 5 7 2 3 5 7	r c
Ashdown Athens Augusta Bald Knob Batesville Livestock	0300 0326 0350 0458	Little River Boward Woodruff White Independence	7 7 7	33 40 34 19 35 17 35 18 35 49	93 56 91 22 91 34	960 218 230	7P 6P 9A	7A A 7A D 6P U	outhwestern G & E irra D. Parker David G. Griffiths Jaiv. of Arkansas Univ. of Arkansas	2 3 5 3 3 2 3 5 2 3 5	c c	Maumee Melbourne Mena Monticello 3 S Montrose	4746 4756 4900 4906	Searcy Izard Polk Drew Ashley	3 3	36 D3 36 D4 34 35 33 35 33 19	92 39 91 54 84 15 91 48 91 29	749 610 1207 285 125	6P 5P	MID Verne N. Davenport 7A Ivan L. Shrader 7A E. W. St. John 5P Arkansas A & M Col. MID Ark. Pwr & Lgt Co.	3 2 3 5 7 2 3 5 7	0000
Batesville L & D 1 Bear Creek Lake Beaty Lake Beaver Beebe	0496 0512 0518	Independence Lee St. Francis Carroll White	5	35 45 34 43 35 05 36 28 35 04	90 42 90 43 93 46	220 400 930		MID U 5P L 7A B	Tames J. Mitchum J.S. Forest Service J. G. Adamson J. E. Skelton J. Owell E. Perkins	2 3 5	c c	Morohay Lock & Dam Morrilton Mount Ida Mount Magazine Mountain Home	4938 4988 5010	Calhoun Conway Montgomery Logan Baxter	1 3 1 7	33 19 35 07 34 33 35 10 36 20	93 41 92 23	85 280 663 2800 800	5P 7A 7P	7A Corps of Engineers 7A Emma S. Leavell 7A william E. Black 7P U.S. Forest Service 7P H. H. Halbert	3 2 3 5 2 3 5 2 3 5 2 3 5 2 3 5	c c
Beech Grove Beedeville Benton Bentonville Berryville 4 NW	0536 0582 0586	Greene Jackson Saline Senton Carroll	7 6 1 7	36 09 35 26 34 33 36 22 36 26	91 06 92 37 94 13 93 37	221 285 1295 1150	6P 6P	8A P 8A M 7A E	B. B. Bammond P. M. Breckinridge Ars. Btta C. Burks Carle L. Browne James C. Mayes	3 3 2 3 5 2 3 5 3		Mountain Bome C. of E. Mountain View 1 W Mountainburg 3 SSW Mulberry Narrows Dam	5046 5056 5072 5110	Baxter Stone Crawford Franklin Pike	1	36 20 35 52 35 36 35 34 34 10	94 12 84 01	800 768 730 500 425	5P	8A Corps of Engineers 7A Mildred E. Ward 5P CLOSED 7A Henry G. Arvin 8A Corps of Engineers	2 3 5 6 3 11/10/54 3 2 3 5 6	C C
Big Flat Big Fork Big Lake Outlet Black Rock Rlakely Mountain Dam	0664 0676 0746	Baxter Polk Mississippi Lawrence Garland	3 5 7	36 00 34 29 35 51 36 07 34 36	93 58 90 08 91 06	1100 238 259		7A A 6P N 7A L	CLOSED	1/1/55 3 3 3 3 3		Nashville Peach Substa. Nashville SCS Nathau Newhope Newport	5114 5158 5174	Boward Boward Pike Jackson	3 3	34 00 33 57 34 07 34 14 35 36	93 56 93 51 93 52 93 50 81 17	550 373 550 850 225		7A Univ. of Arkansas MID Soil Cons. Service 7A Edna J. Westfall 7A Elsie F. Word 7A Luther D. Summers Jr	2 3 5 3 2 3 5 7	С
Blue Mountain Dam Bluff City Blytheville Booneville Botkinburg	0800 0806 0830	Yell Nevada Mississippi Logan Van Buren	3 5 1 7	35 06 33 41 35 56 35 09 35 39	93 09 89 55 93 55 92 30	360 252 511	7A	7A P	Corps of Engineers Paul M. Adams Lvy W. Crawford Cleo E. Yandell Thomas M. Pearson	3 2 3 5 2 3 5	7 C C	Nimrod Dam Norfork Dam Odell Oden Dkay	5228 5354 5358	Perry Baxter Washington Montgomery Howard	1 3	34 57 36 15 35 48 34 38 33 46	93 10 92 15 94 24 93 48 93 53	470 425 1500 800 300	1	8A Corps of Engineers MID Corps of Engineers 7A Mrs. Renzo Rurst 7A Vera J. Gann 5P J. T. Hargis	2 3 5 6 3 3 2 3 5	C
Boughton Bradford Brinkley Buffalo Tower Bull Shoals Dan	0872 0936 1010	Nevada White Monroe Newton Baxter	7	3 33 52 7 35 25 7 34 54 7 35 52 7 36 22	91 28 91 10 93 30	240	5P	7A M Sp R 7A B	ris Elmore Wicker farshall Bickmon Rohert D. Schaefer Beulah F. Fowler Corpe of Engineers	3 3 2 3 5 3	7 C	Osceola Owensville Ozark Paragould Paris	5498 5508 5562	Wississippi Baline Franklin Green Logan	3 1 5	35 43 34 37 35 29 36 04 35 18	93 50 90 29	250 500 3B6 275		8A Alwyn A. Cowan 8A Guy Cook 6A Burns Wakefield 4P Radio Station KDRS SS Fred J. Girard	3 3 2 3 5 2 3 5 2 3 5	7
Burdette Cabot 4 SW Calico Rock Camden 1 Camden 2	1102 1132 1152	Mississippi Pulaski Izard Duachita Ouachita	7	35 49 7 34 57 7 36 08 3 33 36 3 33 35	92 04 92 08 92 49	289 400 116	7A	5P B 7A A 7A J	G. A. Hale B. M. Walther Austin D. Barris John W. Knight Edith Z. Lehman	3 3 3 2 3 5	7 C	Parkin Parthenon Perryville Pine Bluff Pine Bluff CAA AP	5602 5694 5754	Cross Newton Perry Jefferson Jefferson	1 1 1	35 16 35 57 35 00 34 12 34 10	93 15 92 49 92 00	222 B25 325 215 205	5P 7P	7A Corine D. Gardner MID Arthur B. Carlton 7A Trancis Finkbeiner 7A Mary T. Scheu MID U.S. Civil Aero Adm	3 2 3 5 2 3 5 2 3 5	c c
Camp Chaffee Canaan Carlisle 1 SW Carpenter Dam Clarendon	1188 1224 1238	Sehastian Searcy Louoke Garland Monroe	1 3	35 18 7 35 52 1 34 47 3 34 27 7 34 41	92 44 91 45 93 01	235	8A	MID F 8A J MID A	J. S. Army Froney Dell Borton Jehn L. Tait Irk. Pwr & Sgt Co. B. F. Northern	2 3 5	c c	Pine Ridge Pocahoutas 1 Portland Prescott Prescott SCS	5820 5866 5908	Montgomery Randolph Ashley Nevada	3	34 35 36 16 33 14 33 48 33 48	93 54 90 58 91 30 93 23 93 23	840 330 122 318	5P 7A 7A	7A J. R. Huddleston 7A Benedictine Sisters 7A Mrs. Pearl Newton 7A R. P. Namby MID Soil Cons, Service	3 2 3 5 2 3 5 2 3 5	7 7 7 C
Clarksville Clinton Cold Springs Combs 3 SE Compton	1492 1520 1574 1582	Johnson Van Buren Scott Madison Newton	3	35 28 7 35 35 8 34 58 7 35 48 7 36 08	92 28 93 54 93 48	510 1250 1400	6P	7A M 7A M MID M MID W	Or. Irving F. Beach Earl B. Riddick Margaret Zornes Maude C. Brashears William L. Binam	3 3	c c	Pyntt Ratcliff Ravana Remmel Dam Rison	6008 6016 61D2 6174	Marion Logan Miller Hot Spring Cleveland	1 4 3	38 16 35 18 33 04 34 26 33 57	92 51 93 53 94 02 92 54 92 11	800 463 250 - 231		MID Dnn V. McLean 7A Lulu M. Weeks MID Bonny L. Allen MID Ark. Pwr & Lgt Co. 8A J. N. Yaney	3	c c c
Conway Corning Cotter Cove Crossett 7 S	1632 1640 1666	Faulkner Clay Baxter Polk Ashley	7	35 05 7 36 24 7 36 17 4 34 26 3 33 02	90 35 92 31 94 25	293 440 1050	5P 7A 5P	7A M 7A R 7A J	G. Y. Short Mrs. Laura Polk Robert T. Fielding Joe C. Allen J.S. Forest Service	7: 3 5 2 3 5 3 3 2 3 5	7 C	Rogers Russellville Saint Charles Saint Francis Seardy	6352 6376	Benton Pope Arkansas Clay White	7 5	36 20 35 18 34 23 36 27 35 15	94 07 93 08 91 08 90 08 91 44	1387 360 200 300 245	5P 8A	SS Howard Fowler 5P U.S. Forest Service 8A Fish & Wildlife Serv 7A William 8. Buckley 7A Adam C. Melton	2 3 5 6 2 3 5 6 2 3 5 3 2 3 5	7
Crystal Valley Cummins Farm Daisy Damascus Danville	1768 1814 1829	Pulaski Lincoln Pike Faulkner Yell	3	1 34 42 1 34 08 3 34 14 1 35 22 1 35 03	91 33 93 45 92 25 93 24	176 329 705	6P	6P C 7A F 7A W	Firda Byrd Cummins Prison Farm Ferna Jones Tedder William A. Brown J. A. Moudy	3 3 3	C 7	Sheridan Tower Shirley Siloam Springs Swithville Sparkman 4 E	6586 6624 6698	Grant Van Buren Benton Lawrence Dallas	7	34 27 35 38 36 11 36 05 33 55	92 21 92 17 94 33 91 18 92 48	290 600 1150 450 260	6P 7A	6P Ark. Forestry Comm. 7A Maud H. Bradford 7A John Brown Univ. MID A. R. Richardson 7A ars. Rachal Butler	2 3 5 7 3 2 3 5 3.	С
Dardanelle De Queen : Denver ? E Dermott Des Arc	1948 1956 1960 1968	Yell Sevier Boone Chicot Prairie	1	35 13 34 02 7 36 23 2 33 31 7 34 58	94 21 93 14 91 26 91 30	420 3 1028 3 140 204		MID C BA L 7A C	Gretchen Goodier D. Tucker Vasser Clarence E. Collins L. W. Wilson C. J. Rister	2 3 5 2 3 5 3 2 3 5	7 C	Stamps Star City 2 S Steve Stuttgart Stuttgart 9 ESE	6820 6858 6918 6920	Lafayette Lincoln Yell Arkansas Arkansas	3 1 1 7	33 22 33 54 34 53 34 29 34 28	93 18 91 32 91 25	270 392 682 214 198	6P 7A	7A whert Baker 7A Irk, Forestry Comm 7A I. P. Sims 7A George L. Clark 7A Univ. of Arkansas	3 3 2 3 5 2 3 5 6	С
Devils Knob I Dumas 1 Dumas 2 Durham Eagle Gap	2148 2150 2176 2204	Johnson Desha Desha Washington Scott	1	1 35 43 2 33 53 2 33 53 7 35 57 1 34 43	91 30 91 30 93 59 94 19	162 165 1243 1150		7P B M1D A MID G 8A M	Earnest C. Camphell Ben Johnson Ark. Pwr & Lgt Co. Goldie E. Brink Maxine M. Rooper	2 3 5	7 C C	Subiaco Sugar Grove Sugar Loaf Mountain Taylor Texarkana WB Airport	8940 6944 7038 7048	Logan Logan Cleburne Columbia Miller	1 2 4	35 18 35 04 35 29 33 06 33 27	93 48 91 58 93 27 94 00	500 500 300 247 361		7A New Subiaco Abbey 9A O. R. Fennell 7A CLOBBD 7A ldella D. Norwood MID U.S. Weather Bureau		7 C
El Dorado CAA AP Eureka Springs Evening Shade Fayetteville Fayetteville CAA AP	2356 2366 2442	Union Carroll Sharp Washington Washington	1	3 33 13 7 36 24 7 36 05 1 36 05 7 36 00	93 44 91 33 94 16 94 16	252 1465 490 1370 1253	6P	6P H	J.S. Civil Aero Adm Mabel F. Spray Opha Wolfe Charles F. Ford U.S. Civil Aèro Adm	2 3 5 3 2 3 5 2 3 5	7 7 C	Turnpike Viola Waldron Walnut Grove Walnut Ridge CAA AP	745 748 752 753	2 Pope 0 Fulton 8 Scott 4 Independence D Lawrence	9 1	35 40 7 36 24 1 34 54 7 35 51 7 36 08	91 59 94 06 91 21 80 56	692 675 250	5P W1D	7A CLOSED SP William D. Bivens GP A. H. Fast WID U.S. Civil Aero Adm	3/16/55 2 3 5 3 2 3 5	7 C
Fayetteville Exp. Sta. Flippin CAA AP Fordyce 6 R Foreman Forester 4 MNW	2528 2540 2544 2556	Washington Marion Dallas Little River	1	1 34 47	92 36 92 31 94 24 93 53	660	MID	MID II	Univ. of Arkansas U.S. Civil Aero Adm John Yeager Leslie P. Callens Ars. L. L. NeIson	2 3 5 2 3 5 2 3 5 3	7 C	Warren Washita West Fork Wheeling White Rock	7593 7694 7744	2 Bradley 2 Montgomery 4 Washington 4 Fulton 2 Franklin			93 32 94 11 91 52 93 57	1340 680 2285	5p	6P Warren Cotton Oil Co 7A Nora Lee Mayborry MID Effic D. Little MID Thomas W. Cone 7A U.S. Forest Service	3	c c
Porrest City Fort Smith WB Airport Fort Smith Water Plant Fountain Bill Fulton	2574 2578 2598 2670	Ashley Bempstead	111111111111111111111111111111111111111	1 35 20 1 35 39 3 33 21 4 33 37	94 23 94 09 91 50 93 4	458 793 175 3 260	MID 5P	7A R 6P J	Thomas A. Moore U.S. Weather Bureau R. J. Schoeppe Jethro R. Denson Ina J. Logan	2 3 5 2 3 5 3 3	7 C	Whitecliffs Wilson Winfrey Wing Wynne	791: 793: 795: 805:	2 Sevier 2 Mississippi 6 Crawford 0 Yell 2 Cross		34 57 5 35 13	90 02 94 06 93 28 90 46	237 1152 350 260	5P	7A L. M. Snead 7A D. O. Anderson MID Clyde F. Meadors MID Miles B. Turner SS Wm. M. Courtney	2 3 5	c
Georgetown Gilhert Glenwood Grannis Gravelly	2794 2842 2908 2822	White Searcy Pike Polk Yell	1	7 35 07 7 35 59 3 34 20 4 34 14 1 34 53	93 3 94 2 93 4	920 498	SS	7A 0 7A 9 7A 9 7A 9	Bessie E. Akers C. Eli Jordan Myrtle I. Price W. E. McVay Willie Pendergrass	2 3 5 3 2 3 5 3 2 3 5	7 C	Yellville	808	4 Marion		7 36 13 N	82 41 EW STAT	10NB		7A Madge V. Doshier	3	
Gravette Green Forest Green Mountain Greenbrier Greenwood	2946 2952 2962	Benton Carroll Stone Faulkner Sebastian	1	1 36 24 7 36 20 7 36 02 1 35 14 1 35 13	93 20 92 1: 92 2: 94 1:	3 1350 2 1100 3 360 5 518	9S 7A	7A C 7A U 8A 1 7A E	Elson B. Schmidt Obed B. Wilson U.S. Forest Service Thomas E. Cantrell Dorothy M. Been	2 3 5 3 2 3 5 3 3	7	† Beber Springs 3 NE Danville SCS Salem Ozone	1835	8 Cleburne 5 Yell 3 Fulton 4 Johnson	1	35 04	92 01 93 24 91 50 93 27	370 668		7A Lester B. Logan HID oil Conservation Se 7A Jas. B. Caldwell 7A aurice R. Brandt	3 3 3	С
Gurdon Bampton Bardy Barrison Beber Springs 3 SW	3088 3132 3164 3230	Clark Calhoun Sharp Boone Cleburne		3 33 54 3 33 32 7 36 19 7 36 14 7 35 28	92 2: 91 2: 93 0: 92 0:	3 202 3 362 7 1150	6P	MID T 7A E MID W	Roy S. Robbs Soil Cons. Service Theresa Donaldson Bea Gray Beene Wayne Stark	3 3 2 3 5	c											
Bector Relena Bendereon 2 W Bope 3 NE Hopper	3242 3258 3428 3438	Pope Pbillips Baxter Bempstead Montgomery		1 35 28 2 34 32 7 36 22 4 33 43 3 34 22	90 3 92 1 93 3 93 4	200 5 580 3 375 1 700	6P 8A	7A C 7P E 7A C 7A I	Dorothy H.Spilebury Charley M. Friddell Emil W. Bentzien Cecil M. Bittle Lona A. Shields	3 2 3 5 3 2 3 5 6 3	6 C											
Boratio Bot Springs 1 NNE Huntsville Huttig Dam Index	3466 3540 3556 3584	Sevier Garland Hadison Union Little River	r		93 0 93 4 92 0 94 0	630 61453 60 3 300	5P	SP N MID N SA C SA F	Elizabeth W. Friday Natl Park Service May Pearl Markley Corps of Bngineers W. E. McDowell	3 2 3 5 3 3	7 C C											
Jasper Jessieville Jonesboro Keo Kingsland	3704 3734 3862 3904	Newton Garland Craighead Lonoke Cleveland		7 36 01 3 34 42 7 35 50 1 34 36 3 33 50	93 0 90 4 92 0 92 1	730 2 345 0 230 6 214	6P 7P	7A E	Lottie D. Davis Mrs. Velma M. Dunn Benedictine Sisters R. A. Waller Claudie W. Bunter	3 3 2 3 5 2 3 5	7 C											
Lake City Lamar 2 SW Langley Lead Bill Lee Creek Guard Sta.	4013 4060 4106	Craighead Johnson Pike Boone Crawford		5 35 49 1 35 26 3 34 19 7 36 24 1 35 42	93 2 93 5 92 5 94 1	5 550 1 796 4 710 9 1000		7A 1 7P 1 7A 1	Tressa St. Clair Peach Exp. Station Mabel F. Forrester F. W. Kellogg U.S. Forest Service		С											
Leola #Little Rock WB Airport Little Rock Filt Pl. Lost Corner Louann 2 SE	4248 4250 4324	Grant Pulaski Pulaski Pope Dnion		3 34 10 1 34 44 1 34 46 7 35 34 3 33 22	92 5	0 1550	MID	MID I	J. R. Rhodes U.S. Weather Bureau L. R. Water Works Catherine Russell Flora A. Bamilton	2 3 5 3 3 3 3	7 C	† Continuatio	n of	Sugar Loaf Mo	unt	ain rec	ord.					
T DRAINAGE CODE: 1 ARE																						

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

pelayed data and corrections will be carried only in the June and December issue of this bulletin.

Monthly and sensonal snowfall and heating degree dnys for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables, but for which dath are not listed, are either missing or raceived too lnte to be included in this issue,

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bursnu type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Duta in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is not observation time for nll except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of Arkansas may be obtained by writing to any Wenther Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas.

- No record in Thbles 3, 6, 7, and the Station Index. No record in Thbles 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet nbove sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 Dath based on observational duy ending befors noon.

 Adjusted to a full month.

 Dath for recorded stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Dath.

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station have been adjusted to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

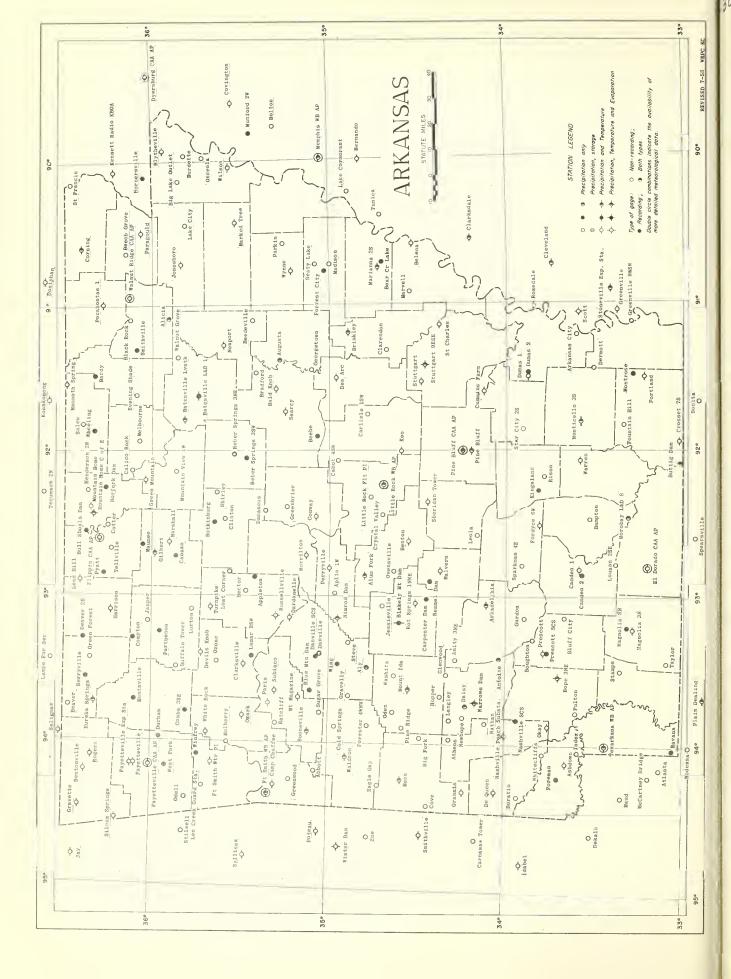
 Trace, an amount too small to measure.

 Includes total for previous month.

 This entry in time of observation column in Station Index means observation made near sunset.
- R

Subscription Price: 20 cents per copy; montbly and nnnual, \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders should be made payable to the Buperintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC. ATHEN ULI. N. . -- 11-4-55 -- 1005



U. S. DEPARTMENT OF COMMERCE SINCLAIR WEEKS, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

OCTOBER 1955 Volume LX No. 10



ARKANSAS - OCTOBER 1955

WEATHER SUMMARY

Temperatures averaged 61.8° or 1.4° lower than normal. Rainfall averaged 2.40 inches or 73% of normal. The weather was favorable for the maturing and harvest of late crops. Livestock feed was plentiful and cattle were in good condition.

Above-normal temperatures prevailed at the beginning of October. A cold front moved across the State on the afternoon of the 6th and was followed by several days of cooler weather. The 11th and 12th were mild. A second cold front, which crossed the State on the 12th, brought a longer cool spell which continued from the 13th to 19th. Temperatures rose to above normal on the 20th but, following a cold front passage on the 23d, dropped to the coldest for the season on the 24th. Cool weather continued until the end of the month except for the 27th which was slightly warmer than normal for the season. Most stations registered their warmest temperatures for the month on the 6th. Monthly maximums ranged from 79° at Mount Magazine and Trunpike to 93° at Crossett and Dumas. Most stations registered their coolest temperatures on the 18th, 24th, 25th, 30th, or 31st. Monthly minimums were mostly in the upper 20's or lower 30's. The lowest temperature for the State was 23° at Waldron on the 25th. Monthly mean temperatures ranged from 57.9° at Harrison to 65.8° at Hot Springs 1 NNE. Monthly mean temperatures were below normal at almost all stations. Monthly mean temperature departures ranged from -3.3° at El Dorado to +1.2° at Perryville.

There were several showery days during October but the more generous amounts fell on the 6th, 7th, 12th, and 28th, A few stations in the northeast and many stations in the south and west received more than 3.00 inches of rain during the month; elsewhere monthly totals were, in general, less than 3.00 inches. Waldron reported the least total, 0.20 inch. The largest amount for the month was 6.28 inches at Horatio. Most stations in the southern third of Arkansas and a few in the northeast exceeded their October normals; elsewhere, most stations received less than normal precipitation.

Rains early in October interrupted the harvest of cotton, rice, soybeans, and feed grains and the seeding of winter grains but improved the pastures, late hay crops, small grain, and winter legumes. The fine weather following the rains was favorable for all kinds of field work which resumed and continued in full swing except in the east and south where rains, quite heavy in some sections, occurred on the 12th. Field work began again in those areas on the 14th. Ideal harvest weather prevailed to the end of the month except on the 28th when rains again halted cotton picking. The moisture benefited the fall seeded grains, cover crops, and strawberries. At the end of the month cotton picking was 75% complete, and rice harvest was nearing completion. Other farm activities centered around soybean harvest, corn picking, seeding winter grains, pruning orchards, gathering pecans, and digging sweet potatoes. Livestock were in good condition with ample pasture feed. Most sections of the State needed more rains. Streams were low.

STORMS

Lightning damage on the 12th amounted to \$77,000. This included \$75,000 damage to a factory building and its contents six miles northeast of Newport, Jackson County, and \$2,000 damage to a power plant in Jonesboro. High winds caused \$15,000 damage to buildings, signs, and trees in the Jonesboro vicinity, Craighead County, on the 12th. Gusts were estimated to reach 100 miles per hour. Heavy rains flooded the streets. Strong winds caused \$500 damage to a farmstead nine miles east of Monticello on the 28th. A tornado in the Hampton vicinity, Calhoun County, on the 28th caused considerable damage to a cotton gin and minor damage to about twenty other buildings. The losses were estimated at \$2,000. A tornado in the Kelso area, Desha County, on the 28th uprooted trees, damaged houses, destroyed a seed house, and injured one person. The property loss was estimated at \$20,000.

Lucius W. Dye

SUPPLEMENTAL DATA

ARKANS 1064

	Wind	direction		Wind m.	speed p. h.		Relat	ve hum	idity ave	erages		Numl	per nf d	ays with	precip	itation			40
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	2:30P C_T	6: 105	Trace	0109	1049	66 09	1.00-1.99	2.00 and over	[otal	Percent of cossible unshine	Average iky cover
FORT SMITH W8 AIRPORT	ENE	25	7.3	30	SW	28	80	88	47	58	5	0	2	-		,	7	76	2.9
LITTLE ROCK W8 AIRPORT	SSW	13	9.1	33	W	6	73	79	44	55	3	3			1			86	3.2
TEXARKANA WE AIRPORT	-	-	-	_	-	_	_	-	-	-	3	1					6	-	-

COMPARATIVE DATA

OCTOBER

	т	emperatu	T.O.	P	recipitati	on		т	em peratu		_ p	recipitatio			T	em peratu		- D	recipitation	
Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average	50	Year	Average	Highest	Lowest	Average	Average	
1891 1892 1893 1894 1895	60.4 63.8 60.5 63.0 57.1	92 92 99 96 95	27 27 23 24 21	0.65 3.26 1.30 1.52 1.44	.0		1916 1917 1918 1919 1920	62.8 56.6 65.6 66.6 64.2	96 99 100 98 93	21 12 30 33 25	2.30 1.89 3.99 10.90 4.39	.0 T .0 .0		1941 1942 1943 1944 1945	68.2 62.8 61.3 63.9 60.8	96 90 90 95 89	28 22 26 25 29	8.11 3.19 3.48 1.13 3.11	.0	
1896 1897 1898 1899 1900	60.8 87.8 60.0 65.6 66.0	98 99 100 101 97	25 28 23 28 32	3.59 2.01 5.44 2.88 4.31	.0 .0 T		1921 1922 1923 1924 ,1925	61.6 63.1 59.2 64.9 58.7	96 98 94 96 98	27 20 20 21 13	0.72 1.47 3.53 0.29 7.73	.0 .0 .0 .0		1946 1947 1948 1949 1950	63.7 68.3 60.0 62.8 66.5	94 95 90 91 93	25 35 20 23 33	2.79 3.72 2.40 8.50 1.91	.0 .0 .0 T	
1901 1902 1903 1904 1905	63.7 62.5 60.9 62.5 61.1	95 90 97 100 92	27 27 26 20 23	2.07 2.68 2.22 0.94 4.49	.0		1926 1927 1928 1929 1930	64.9 66.0 66.3 62.2 60.1	99 100 100 93 92	23 30 27 19 17	5.77 3.13 4.74 4.29 4.89	.0		1951 1952 1953 1954 1955	63.1 56.6 64.8 63.9 61.8	98 98 104 98 93	30 14 25 24 23	4.55 0.78 1.48 4.97 2.40	T T O T	
1906 1907 1908 1909 1910	58.2 61.9 59.2 63.0 62.9	94 96 93 98 96	25 23 24 24 18	2.38 3.03 0.48 2.15 5.19	.0 .0 .0		1931 1932 1933 1934 1935	67.1 60.8 62.6 66.2 63.9	98 94 90 96 95	26 76 30 25 27	2.35 3.41 2.83 0.79 4.94	.0								
1911 1912 1913 1914 1915	62.7 63.8 60.1 63.0 63.4	101 96 95 93 94	25 22 18 21 26	1.67 2.97 5.41 1.74 2.83	0.6 0.0		1936 1937 1938 1939 1940	61.1 60.8 66.8 65.1 65.2	93 96 105 98 95	24 17 20 20 29	5.00 4.66 0.94 1.71 1.91	.0 T .0 .0								

Beginning with 1955, averages have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

Table 1

					Ten	pera	ture									P	recip	itation				
					I.S.					80	No	o. of	Days		7	_		Snow,	Sleet, F	Iail	No.	of D
Station	Average	Maximum	Average Minimum	Average	Departure From Norm	Highest	Date	Lowest	Date	Degree Day	Above Wa	i k	Min Below 0 o	1 18	Departure From Norma	Greatest Da	Date	Total	Max. Depth on Ground	Date	N N	.50 or More
HIGHLAND DIVISION																						\Box
NLUM FORK ISHOWN IENTON IENTONVILLE JOONEVILLE IAMP CHAFFEE ALARKSVILLE JONNAY JAPOANFLLE E-OUWAY	78 75 71 78 77 76 77	8.9 5.8 1.9 8.6 7.0 6.8 7.0	50.3M 48.7M 45.5 44.9 47.0 45.9 46.2 49.3 49.2 45.1	63.8M 63.8M 60.7 58.4 62.8 61.5 61.5 63.2 63.1 62.2	- 0.3 - 1.9 - 1.1 - 0.6 - 0.7 - 1.9	88 89 88 82 89 89 88 89	6 6 6 5 6 7 6 6 6 5 +	32 27 32 27 28 29 33 33	31 18+ 25 25 25 25 25	127 128 190 226 155 177 178 136 143 161	000000	00000000	3 5 3 3 0	2 · 2 · 4 · 1 · 0 · 0 · 0 · 1 · 2 · 2 · 4 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0	33 - 2.56 51 29 10 - 0.40 30 - 0.30	1.43 2.38 1.02 0.36 0.23 0.71 1.37 0.86	7 1 5 7 7 28 7 7+	0.0 0.0 T 0.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2 3 6 2 2 1 2 4 4	2 2 3 1 0 0 1 2 3

						ture			_				reerp.	itation				
				mal				S.	No. of Days		mal	13		Snow,	Sleet, I	lail	No. of	Days
Station	num	eg.	ge	ture Norm	ast		#	ree Days	Max. Min.		Norm	est Day			Depth		More r More	
	Average Maximum	Average	Average	Departure From Norn	Highest	Date	Lowe	Degre	90° or Above 32° or Below Below O° or Below	Total	Departure From Nor	Greatest	Date	Total	Max. Depth on Ground	Date	.10 or M.	1.00 or More
EVILS KNOB UREKA SPRINGS 'AYETTEVILLE 'AYETTEVILLE CAA AP AYETTEVILLE EXP STA 'LIPPIN CAA AP ORT SMITH WA AP 'T SMITH WATER PLANT 'JLBERT 'RANNIS 'RANVIS	69.4 73.5 71.4 72.8 72.4 74.7 77.1 76.0 76.9 73.9 72.9	49.8 47.8 47.2 43.6 45.2 43.4 48.3 43.6 42.7 49.5 44.4	59.6 60.7 59.3 58.2 58.8 59.1 62.7 59.8 59.8 61.7 58.7	- 0.5 - 2.2 - 1.2 - 1.8 - 1.4	80 85 84 86 83 87 90 87 91 84 85	21 6 6 6 6 6 6 6 6 6	32 30 32 24 33 24+ 29 18+ 28 24 28 25 32 25 26 31 25 25+ 33 25 27 18	189 180 214 245 228 213 145 208 208 160 228	0 0 1 0 0 0 1 0 0 0 0 0 0 0 5 0 0 0 5 0 0 0 5 0 1 0 1 0 0 0 6 0 2 0 7 0 0 0 5 0	1.53 0.93 0.65 0.57 0.70 1.35 0.57 1.06 1.61 3.51 2.50	- 3.05 - 2.97 - 3.06 - 2.59 - 0.70 - 1.45	0.50 0.37 0.37 0.25 0.39 0.86 0.42 0.74 0.52 1.67	4 4 4 28 6 7 5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 T 0.0 0.0 0.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		5 1 4 0 3 0 2 0 3 1 2 0 1 4 1 4 2 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
REEN MOUNTAIN AM ARPISON IOPE 3 NE IOT SPRINGS 1 NNE EAD HILL LITILE ROCK WB AP IANNOTH SPRING IARSHALL IENA IOUNT IDA IOUNTAIN HOME IOUNTAIN INFORMATION	78.2 76.5 74.5 74.6 77.1 75.5 67.2 74.3 78.5 76.9 77.3 80.2 77.2 79.6 78.5 71.3 77.9 78.2 71.3	41.1M 48.4 53.6 41.8 51.2 43.3 M 50.9 45.2 49.4 46.8 45.1 47.0 47.6 47.	57.9M 63.5 65.8 58.5 63.6 62.7 59.9M 62.8 62.9 60.4 58.3 62.7 59.7 62.8 62.9 62.7 62.8 62.9 62.9 62.9 62.9 62.9 62.9 62.9 62.9	- 1.8 - 1.6 0.9 - 1.9 - 0.5 0.5 - 0.5 - 0.	85 89 87 88 88 89 89 79 85 86 88 87 86 91 90 84 88 88 88 88 88 88 88 88 88 88 88 88	6 6 6 6 6 6 12 6 7 7 2 + 5 + 6 6 6 6 6 7 7 7 6 5 5 12 6 6 6 7 7 6 6 6 6 7 7 7 6 6 6 6 6 6 7 7 7 6 6 6 6 6 6 7 7 7 6 6 6 6 6 7 7 7 6 6 6 6 6 7 7 7 6 6 7 6	25 24 32 25+ 36 31 29 31 29 31 26 25+ 36 25+ 27 25 33 30 25+ 27 25 33 22+ 32 25+ 32 25+ 32 25+ 32 25+ 32 25+ 32 25+ 32 25+ 33 30 25+ 32 25+ 33 30 25+ 33 30 25+ 33 30 30 30 30 30 30 30 30 30 30 30 30 3	242 130 844 238 1244 202 204 202 138 143 201 149 150 164 203 31 100 164 203 31 160 23 31 160 23 31 160 23 31 31 31 31 31 31 31 31 31 31 31 31 31	0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.00 3.68 2.18 1.51 1.17 1.87 1.70 2.13 3.34 1.69 1.69 4.82 2.47 0.70 0.42 1.83 1.68 1.68 1.68 1.50 1.35 0.35 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	- 1.23 0.49 1.04 - 1.85 - 1.64 - 1.88 - 2.53 - 0.51 - 2.33 - 0.51 - 2.66 - 1.67 - 1.61 - 1.33 - 2.14 - 2.50 - 2.98 - 3.67	1 · 25 2 · 19 1 · 42 2 · 0 · 60 1 · 05 1 · 48 1 · 32 0 · 56 1 · 66 1 · 66 1 · 66 1 · 66 1 · 66 1 · 66 1 · 60 1 · 60 1 · 60 2 · 63 1 · 86 2 · 60 0 · 95 0 · 52 1 · 16 0 · 97 0 · 75 1 · 10 1 · 1	6 7 29 29 7 1 7 6 28 29 7 7 7 7 7 7 7 7 7 7 7 5 6 8 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0			3 2 2 3 2 2 1 1 1 2 1 2 1 1 4 2 2 1 1 2 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 2 1	1 1 0 1 1 1 0 0 1 1 1 0 0 0 0 0 0 0 0 0
DIVISION			61.3	- 1.3						1.89	- 1.61			T				
RKADELPHIA ALD KNOR ATESVILLE LIVESTOCK AM AMOEN 1 AM ROSSFIT 7 S UMMINS EARM IES ARC AM UMAS 1 L OORAOO CAA AP ORDYCE 6 W IELENA IONESBORO EO AMAIANA 2 S AM IARIANNA 2 S AM INTICHURAN 3 S AM INTICHURAN 3 AM INTICHURAN 3 AM INTICHURAN 4 AM INTICHURAN 4 AM INTICHURAN 5	78.0 76.1 77.2 76.9 75.1 77.3 87.3 87.3 77.8 77.8 77.7 75.1 75.9 76.3 77.3 77.3 75.9 76.3 77.3 75.9 76.3 77.3 75.9 76.4 77.9 77.5 77.3 75.9 76.3 77.3 75.9 76.3 77.3 75.9 76.3 77.3 75.9 76.3 77.3 75.9 76.3 77.3 75.9 76.3 77.3 75.9 76.3 77.3	49.6 46.4 41.7 46.4 47.9 47.9 47.2 48.6 48.1M 49.6 48.7 51.0 0.0 47.6 49.0 47.6 49.0 47.2 49.0 47.2 49.0 49.0 47.2 49.6 49.0 49.0 49.0 49.0 49.0 49.0 49.0 49.0	63.8 61.3 59.5 61.5 62.7M 62.9 60.4 64.6 62.8M 64.1 63.0 64.6 64.0 64.0 64.0 64.0 64.0 64.0 62.3 64.6 64.0 64.0 64.0 64.0 64.0 64.0 64.0	- 0.6 - 1.9 0.1 - 1.3 - 0.1 - 0.9 - 1.1 - 3.3 - 0.1 - 0.9 - 1.1 - 3.3 - 1.0 - 0.1 - 0.2 - 0.4 - 3.1 - 3.6 - 0.5 0.8 - 0.5 0.8 - 0.7 - 1.9 - 1.5	89 888 89 90 91 853 90 90 90 92 87 90 90 90 88 91 90 90 90 88 89 91 87 90 90 88 89 91 89 89 89 89 89 89 89 89 89 89 89 89 89	66 13 67 77 66 67 77 66 67 66 66 66 67 77 66 67 67	31 31 26 31 27 26 31 27 25 33 31 27 25 34 19 29 29 25 34 29 36 30 35 31 25 31 25 31	125 1888 1788 1600 1610 1610 1610 1610 1610 1610 16	1 0 1 0	3.30 2.258 2.550 3.417 3.477 3.44 2.217 3.877 3.477 3.	- 0.37 - 0.44 0.78 1.11 0.38 0.33 0.95 0.20 0.42 - 0.16 - 0.66 - 1.69	1.50 0.90 1.88 1.32 1.86 0.90 2.84 1.55 1.16 1.25 0.640 1.25 1.69 1.69 1.69 1.69 1.69 1.69 1.69 1.69	11 29 7 29 7 13 7 7 7 7 1 1 2 8 1 2 1 3 1 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0			3344312545433344565445555455345533	0001110023321111100111132211113221100
DIVISION STATE			62.4	- 1.5 - 1.4						2.95 2.40	- 0.13 - 0.90			T T				

Table 3	7. 7	T						-	-		-			Day	y of m	onth		-						-						001	OBER	195
Station	Total	1	1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
.ICIA UM FORK .Y	3 o 1 2 o 2	35 16 . (36		.18		*09 T *55	1.50					Т	1.52										•02					.85	.70 .23		
ITTY 3 NE	2 . 7	74 1 .0					T	1.65					· 3 2	•61															•21	T	1	
PLIN 1 W RKAOELPHIA RKANSAS CITY SHDOWN	1 • 6 3 • 3 2 • 1 2 • 4	30				.08	. 76	1.50 .10 1.43				.50	1.30	+31														. 76	.02	.44		
THENS DGUSTA	3 • 6	68 .8	3 7		т	.02	. 40	1.97	.07				.12	T . 78															. 25 T	· 3D		
NIO KNOB NTESVILLE LIVESTOCK NTESVILLE L ANO D NO 1	2 • 5	58 .0			T =04	•07	.67	e 85				. 92		•36 •33											T				047		.02	
EATY LAKE EAVER EECH GROVE	1.0	7 BC			.D5	.42 .58		.26 .25					.60	.08 .02 .30											т				1.05	T •43		
EOEVILLE	2 . 8	89	8			T		1.14					o O 3																	. 75		
NTONVILLE RRYVILLE 4 NW G FORK	2 . 9	96 .4	3	Т	.31		. 32	1.71					•02																.08 .08			
G LAKE DUTLET ACK RDCK AKELY MOUNTAIN DAM	3 - 2	88			. 78	.28	1.00	.23 1.76 2.20					•25	. 15 . 66				•03	Ť						.05				1.48	-11		
UFF CITY YTHEVILLE ONEVILLE	5 . 3	33 .4			т	. 70 T	т	2.16 .D9					T	2.74					•06						.04					T 1.86		Ŧ
AOFORD	3.0	03 69	2		.05		.23	.65					+35	1.00											.02					.57		
INKLEY FFALD TOWER ROETTE	2 . 2	26 .1	.0		•10		.40 .21	1.38					T +90	.D3							*06								•12 •90	.10		
BOT 4 SW LICO RDCK MOEN 1	2.0	07 T	7		т	.08	T	. 98 . 65 . 73				•05		.46 2.84											Ť				.03	.85		
MP CHAFFEE IRLISLE 1 SW ARENOON	1.7	29 76			.50 T	T		.23 .88 1.04					T	±40 ±40											Ť				+04	T .34		
ARKSVILLE	1 • 1	13			.01		. 35	1.37					T																.71	- 64		
DLO SPRINGS NWAY DRNING	2 • 6	60	10		•03			1.37 1.55						+18											•D7				.35 1.25 .03	. 85		
TTER OVE ROSSETT 7 S		27 1.9		-	-	-	.15	1.16	-	-	-	-	.47	17	-	-	-	-	-	-	-	-	-	-	~	-	-	-	.20 .35	-	•23	-
YSTAL VALLEY MMINS FARM	2 . 6						1.D1 .6D	1.25				.05	.29																+38	. 34		
MASCUS NVILLE	1 . 8	25 1.4 88 .3	12		•03		.08	.77					Т	.31															.63	.80 .49		
ROANELLE OUEEN		8D . 1	00		•12		1.67							1.10															+23 +48	.48		
S ARC VILS KNOB MAS 1	1.5	87 .6 53 .1	3	• 0 6	.02	T	T	.60 .33 1.35					.66	.04															.50 1.60	.35		
IGLE GAP DORADO CAA AP	2.1	18	16				1.06	•03					3.03																1.06			
REKA SPRINGS PENING SHAOE SYETTEVILLE SYETTEVILLE CAA AP	2 . 3	3D 65 T		•09 T	+37	.17	.24 .01	.62				T	. 63															T	•13 •10 •05	.89		
YETTEVILLE EXP STA	1.3	70 T		T01	.39	•12	.11					•01	Ť											.01					.07 .66			
PROYCE 6 W PRESTER 4 WNW DRT SMITH WB AP R/	1.3	36 .	4	т	т	T	.42	1.18	.26			T	1.54																.13 .60	*16 T		
SMITH WATER PLANT DUNTAIN HILL DUTON	1.0	23 1 4	-	_	T -	•02 -	.D3	.74	-	_	-	-	-	- 89	- 20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-13	-	-
DRGETOWN LBERT	1.6	80	16		T .05	.45		.69 .27						. 45	***										.03				.31	·21 •43		
ENWOOD PANNIS PAVELLY	3 . 5	22 1 · 3 5 1 1 · 6 4 6 · 1	7			.04	. 25	2.02 1.24 .48					.02	.06																. 82		
AVETTE EEN FOREST FEN MOUNTAIN	2 • 5	-	-	-	- 92	1.00	-05	-	-	_	-	-01	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 52	-	-	-
EEN MOUNTAIN EENBRIER EENWOOD ROON	2.4		-	-	-		-	.85 .36 1.27					-11	1 - 73															1	.09		
IMPTON IRR ISON	2 = 0	5 3			.20			1.08						3.02															1.25	. 43		
BER SPRINGS 3 NE CTOR LENA	2 + 1	51 • 1 85 • 4	15 T		•02		•06	1+04	.16				+46	1.59										т					•D2 1	•92 •30 •60 •79		
NOERSON 2 W		68 2 a :				. 45	.40	•35 1•27					.34	.69										'					-11	.10		
RATIO T SPRINGS 1 NNE HTTIG OAM	2	28 3.8	35				0	2.05 1.42 1.47					.03																.73	.31		
IOEX ISPER	4 . 4	45 2 . 5	3		.D8	T +17	.10	1.20					•65												т				.37	•11 •42		
SSIEVILLE NESBORD	3 - 1	40 le:	3			.04		1.66	.50				+14	1 • 60											.05				.23	.87		
AKE CITY ANGLEY EAO HILL EE CREEX	3 · 4 · 1 · 5	18 1.2			.40		.4D	1.20					.20	•62 •05															*05 1 1*10 *51	. 80 T		
FOLA	1+	78 .0	1		.03	.07	.29	1.15					0.1	.31											T		+22		+08	.17		T
ITTLE ROCK WB AP R/ ITTLE ROCK FILTER PL OST CORNER DUANN 2 SE	1+2	25			T •01	Ŧ	.83						.01 .06												,				.23	. 20		
JUANN 2 SE JRTON AOISON	3 = 0	22 .0	8 8			. 37		.74						1.10														-	. 50	. 89		
AGNOLIA 3 N ALVERN AMMOTH SPRING	1.1	70 e:				.32		1.48					. 2 tı	1+43 +02 T											т				.10	.32		
ARIANNA 2 S	2.	75 .1	5					.53					Т	1.08																•69		

Table 3-Continued																									-					_	00	TOBER	1955
Station	Total			_	_									,	-		nonth										-			-			
		1	2	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	2	3 24	25	26	27	28	29	30	31
MARKEO TREE MARSHALL MARVELL MELBOURNE MENA	2.38 1.45 2.06 2.18 3.01	.03				т	•12 •14 T	.36 T .08	.72 .72 1.66			ı	Ŧ	• 37	•10 •43 •05					'						1				.03	1.00 .56 .87 1.03		
MONTICELLO 3 S MOROBAY L AND D NO 8 MORRILTON MOUNT IDA MOUNT MAGAZINE	3.20 2.87 2.13 3.34 1.09	1.21				.01	Ť	.02 .11	1.85					• 77	.25 1.51															•59 T •87 •45	.75 .35 .02		
MOUNTAIN HOME MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY 6 NNE NARROWS DAM	1.63 1.64 2.05 .45		Т			• 22 • 05 • 05 T	.12 .25 .01	.20 .01	.25 .64 .35 2.63					1.01	T .27											.0	5			•0B	.76 1.00		
NASHVILLE PEACH SUBSTA NATHAN 4 WNW NEWHOPE 3 E NEWPORT NIMROO OAM	3.52 2.64 2.60	.88 1.30 .73 .12 2.00				-14	т .	.04 .05					. 85	1.24	•10 •65 •38 •22						4								.63	.70 .76	. 72		
ODELL ODEN OKAY OSCEOLA OWENSVILLE	1.61	T • 42				•05 T	.28 .02 .24 .30	•31 •32 •02 •31	1.61					. 84 T	.02 .44 .16											T T				.53	.56		
OZARK OZONE PARAGOULD PARIS PARKIN	2.50 .42 2.98	-	-			- 64 • 02 T	**************************************	.19	.58 - .62 .22	-	-	-	-	T - 25	06	-	-		-	-	-	-	-	-	-	•0	-	-	-	T - .68	- 89	<u>T</u>	-
PERRYVILLE PINE BLUFF PINE BLUFF CAA AP PINE RIDGE POCAHONTAS 1	2.10	2.10				Т		1.03	1 • 16 • 79 • 16 I • 62 2 • 12					.03 .65																.47 .26	+22		
PORTLAND PRESCOTT RATCLIFF RISON ROGERS	2.96	3.20		T		• 38	•11 •37	.03	1.01			,	.03	.02															.10	.50 T T			
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM SEARCY	3.13	. 67 T				T •24 •13	•03 •75	т	.68 1.21 1.13 .50 1.15			.14			.59 .63					•05										•97	.77 .57 1.07		
SHERIDAN TOWER SHIRLEY SILDAM SPRINGS SPARKMAN 4 E STAMPS	2.51	.02				.06 .09 .30	1 . 2 7	T •09	.84 .77 T .48 1.79					• 4 5			. 50													.01 T	1.26		
STAR CITY 2 S SIEVE STUTTGART STUTTGART 9 ESE SUBIACO	1.77 3.22 3.50	2.97 1.46 .97 .48					T		1.95 1.26 1.34 1.01						.45 .42 .91													45		.51	•61 •53		
SUGAR GROVE TAYLOR TEXARKANA WB AP R// TURNPIKE WALDRON	1 • 22 4 • 82 • 88 2 • 01 • 20	1.56				T •15	*17	• 75 •04 T						T •12																.40 .01 1.01	*10 T		
WALNUT GROVE WALNUT RIDGE CAA AP WARREN WASHITA WHITE ROCK	2.67 3.67 3.01 1.93	. 12					T •10	1.62 .40 .08	. 92					.5: .3: 1.2:	3				T							• ()3		. 30	.93 1.14 .63	+		
WHITECLIFFS WILSON WYNNE YELLVILLE	1 • 1 4 2 • 2 3 1 • 8 7 1 • 6 4					Т	Т	T	• 6B					. 70	. 63												73		•10	.49 .80			

Table 5																Day (Of Mo	nlh															a de
Station		1	2	3	4	5	6	7	8	9	10	11	12	13		-	16		18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avero
ALUM FORK	MAX MIN	84 65	80	80 58	80 67	85 64	88 71	83 54	74	75 42	0_ 46	85 66	65 65	71 47	70 46	74 40	73 46	70 45	77	77	79 44	80 46	83 55	82	81 43	13 13	8 3 8	78 3н	74 54	611	59 40	71 34	77.2 50.3
ARKAOELPHIA	MAX MIN	86 66	8? 61	84 61	84 67	88 70	89 73	83 54	75 47	76 44	5.	87 59	79 67	79 47	73 47	75 3 9	76 4	68 44	71 41	75 39	-0 44	82 42	83	81 50	71 47	72 33	78 35	79 4 I	75 58	69 43	64 39	75 31	78.0 49.6
ASHDOWN	MAX	86 66	82 62	85 60	86 68	87 70	89 71	82	76 46	74 43	79 4.8	88 58	87 69	83 48	71 42	76 39	80 46	72 42	76 40	78 36	79 44	83	84 51	82 50	76 46	70 32	77 34	78 35	12 60	67 41	64 39	78 33	78.9 48.7
8ALD KNOB	MAX	81 64	77 59	80 62	78 65	86 70	8.8 7.4	85 58	7 <u>1</u> 4 1	74 38	84 42	86 57	82 62	72 42	70 38	73 35	69	6.8 3.8	69 42	72 38	78 38	83 45	82 49	80 48	78 42	71 28	79 32	77	74 59	62 41	5 8 3 2	7 ₂	76.1 46.4
BATESVILLE LIVESTOCK	MAX	74 59	84 49	8 1 5 5	83 55	76 56	83 61	86 52	74 36	76 33	76 3 7	83 42	87	89	77 41	6 9 3 2	75 35	70 36	72 38	71 29	78 33	80	87 46	84	83	65 29	80 35	83	80 50	64 38	62 34		77.2 41.7
8ATESVILLE L AND O NO 1	MAX MIN	8 2 6 4	81 53	82 59	80 66	83 70	88 71	83 58	78 4 I	77 40	83	85 53	56 64	74 42	72 40	72 34	67	67 36	68	74 32	80 39	85 54	84	82 59	78 42	74 28	80	77	72 56	60 45	59 29	71 28	76.9 46.4
BENTON	MAX	83 63	79 57	83 55	82 65	86 68	88 76	78 52	72 42	73 48	82	85 53	6 I	74 43	68	74 34	72 41	67 38	70 35	73 33	79 38	81	82 48	80 48	66	72 29	78 30	78 35	71 51	61	59 37	731	75 · 8 45 · 5
8ENTONVILLE	MAX	76 63	74 59	73 60	70 68	82 65	80 58	6 7 4 7	73 40	75 4 I	77	81 53	79 52	69	63	73 34	63	61	65 32	75 32	81 46	77 ¹	81	8 0 50	5 8 3 2	73 32	77 38	78 42	69	56 33	51 32		71.9
8LYTHEVILLE	MAX	79 59	80 51	83	85 65	73 66	83 70	89 57	74 43	7 I 4 I	75 45	83	85	76 44	71 42	67	64	63	62	70 35	78 43	84	83	84 53	76 42	71 36	81	78 41	72 5 7	61	58 38		75 • 1 4 7 • 9
BOONEVILLE	MAX	85 66	75 61	80 60	82 70	87 72	89	72 51	75 42	75 41	84	88 57	87 65	74 40	68	78 34	76 42	67	72 33	81	87 46	88	87	85 61	75 39	79 27	85	83	73 54	64	59 37	77	78.6 47.0
BRINKLEY	MAX	86 66	84	80 55	79 66	85 69	90 73	85 57	72 43	76 40	84	84 56	76 62	74	68 42	73		71 36	73 32		78 40	84	84		70 45	71 27	78 34	79	70 58		62 36	71 29	77.3 48.0
CAMOEN 1	MAX	80	87	84	87 62	87 70	89 73	91 53	74 46	73 43	76 46	83 52	86	78 48	73 45	70 38	75 39	76 43	69	72 37	75 42	79	82	83	80,	72	72	78 38	82	73 45	64	61	77.8
CAMP CHAFFEE	MAX	79 66	84	74 62	79 63	84	8 7 7 1	89 52	71 42	73 41	74 42	83	87 62	85	74 42	67	78 40	75 40	66	70 36	81	85 45	86	85 51	83	64	77	82	82	62	62	59	77.0
CLARKSVILLE	MAX	83	78 59	78 59	78 69	84	88	72 52	75 42	74	81	85	86	74	66	75 34	74 41	67	7 I 3 3	76 34	84	85	85	85 55	76 3.8	73 29	80	80	72 52	61	59	76 31	76.8
CONWAY	MAX	83	79 60	81	80	8 7 71	89 76	84	76 46	74 43	82	8.5 5.8	86	74	69	74	71	69	71	73 38	80	85	84	81	75 42	74	80	77	70	63	60	72 35	77.0
CORNING	MAX	79	77	80	81	74	84	85	71	70	73	80	83		73	65	69	64	63	65	70	78 50	80	80	81	62	71	80	78	64	61	64	73.5
CROSSETT 7 S	MAX	90	90	85	89	91	93 72	89	75 50	78	89	88	85	74	72	75	80	80	73	76 33	82	83	85	83	78 58	73 29	80	81	77	67	63	74	80.6
CUMMINS FARM	MAX	84	82	81	82	89	90	84	71	76 41	85	85	81	74	70	73	74	63	68	74	80	82	83	85	75	76 38	79 37	78	76 62	64	60	74	77.4 48.1
DAROANELLE	MAX	83	79	79	81	84 73	88	72	74	74	80	87	87	74	69	72	73	68	71	76 37	84	84	86	84	72 42	75 33	81	80	71	64	58	75 33	76.9
DE QUEEN	MAX	87	83	82	86	90	89	75 46	75 41	76 39	85	88	90	77	72 36	75 34	84	73	75		83	80	85 48	83	76 37		80	81	71	66	63	70 31	79 • 2 45 • 1
DES ARC	MAX	78	82	79	81	80	87	89	74	72	75	85	86	78	74	69	73	69	68	69	74	80	85	84	83	65	72	74	79	67	63	60	75.9
OEVILS KNO8	MAX	73	69	70	68	75 64	77		66	68	74	78	79 59	67	61	70		61	66	71 48	75 54	80	78	76 58	69	70	71	73	65	55	52	69	69.4
DUMAS 1	MAX	85	82	83	85	89	93	83	72	85	88	89	75 62	73	70	75	75 47	69	70	75 38	81	83	87	86	68	73 33	82	82	74 60	65	63	74	78.5 49.6
EL OORADO CAA AP	MAX	87	87	89	88	90	90	73	73	76	85	87	77	72	69	76 38	64	69	72	77	81	82	84	81	69	72	78	80	71	63	61	74	77.3
EUREKA SPRINGS	MAX	75 62	72	72	70	81	85 62	68	72 35	76 43	80	82	75 55	70	61	72	65	62	67	77	82	80	83	81	74 32	75 40	80	80	71	61	56 33	73	73.5 47.8
FAYETTEVILLE	MAX	77	73	73	72	80	84	65	72 4 I	73 4 I	76 42	80	75 54	68	61	71	67	60	65	74 34	80	77	81	78 56	57	72	76 48	77	69	55	53	72	71 • 4
FAYETTEVILLE CAA AP	MAX	80	75	74	74	83	86	67	73	74	76	81	79	68	61	74	67	60	65	77	81	79	82	80	59	74	78	78	69	57	53	73	72 · 8 43 · 6
FAYETTEVILLE EXP STA	MAX		75	73	72	81	83	65	72	73	75	80	75	66	61	73	67	60	65	75	81	78	81	80	74	73	77	79	70	56	53	73	72.4
FLIPPIN CAA AP	MAX	77	75	76	74	8.2	8.7	70	7.2	75	8.2	8.6	81	72	64	71	66	66	6.8	75	84	84	84	82	61	78	83	82	68	60	57	73	74.7 43.4
FORDYCE 6 W	MIN	87	87	85	85	89	90	84	73	77	85	86	78	74	69	75	75 47	67	70	77	80	82	87	82	72	72	79	79	72	64	61	74	78.0 51.0
FORT SMITH W8 AP	MIN	83		78	8.2	8.7	90	71	7.4	75	81	86	84	74	6.7	77	75	67	71	80	86	86	85	84	65	76	81			62		77	77.1 48.3
FT SMITH WATER PLANT	MIN	8 2	80		76	82	87	69	74	73	7.8	83	8.1	7.1	60	74	71	64	69	76	84	84	84	83	79	73	79	80	79	60	60	75	76.0 43.6
GILBERT	MIN	80	76	76	75	81	91	73	39 74	78	82	85	85	73	66	75	68	67	70	79	83	90	85	85	75	80	85	81	71	61	60	75	76.9 42.7
GRANNIS	MIN	80		79	81	83	82	68		70	78	82	84	72		7.2	77	69	68	73	77	78	79	77	70	69	74	75	67	61	57	74	73.9
GRAVETTE	MIN	79	6 0 75	7.2	70	0.2	0.6	40	7.2	7.6	76	80	71	70	64	74	65	63	67	76	83	79	8.2	80	60	75	79	80	69	5.8	56	74	72.9
GREEN MOUNTAIN	MIN	63	59	60	64	67	58	45	40	40	40	52	53	33	3.5	30	41	33	27	33	49	52	50	54	28	33	9.3	52	45	31	52	33	44 - 4
HARRISON	MIN	78	74	75	71	84	85	75	74	71	80	84	81	71	64	74	67	64	67	75	83	84	80		2.5								74.6
HELENA	MIN	56 85	51	55	65	66	69	47	35	34	35	41	58	35	30	35 72	74	66	68	74	79	82	82	83	78	70	78	78	73	72	61	71	77.7
HOPE 3 NE	MIN	65	5.8	64	67	67	70	58	49	45	49	55	59	49	45	42	43	40	45	39	43	52	55	53	81	67	75	79	80	73	65	61	78.5
	MIN	65	61	59	59	68	71	53	47	43	49	53	62	4.8	45	40	45	4.3	3.8	39	4.2	49	51	50	43	3 2	35	4.4	54	4.2	39	32	48+4

See reference notes following Station Index.

DAILY TEMPERATURES

ARKANSAS OCTOBER 1955

Table 5 - Continued									L	AI	LY	. 1	ĽN	1P.	LR.	AI	U	i.L.	5												осто		1955
Station																Day	Of M	onth				-											Average
Sidion		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HOT SPRINGS 1 NNE	MAX	85 66	82 60	82 60	84 68	85 71	87 74	80 55	75 48	77 45	82 52	85 62	84 68	75 47	71 51	76 45	75 49	69 46	73 44	76 44	81 53	61	84 61	81 61	74	74 39	79 49	80 56	72 55	63 45	65 42	75 42	77.9 53.6
JONES80R0	MIN	80 62	80 58	83 63	76 66	84 68	88 60	73 56	71 45	74	84 47	86 55	79 60	73	67 44	70 40	63	40	43	72 38	79 42	54	83 51	82 58	71 42	71 3 7	80 43	78 40	67 56	60 45	60 38	37	74.8
KEO	MAX	82 64	78 57	83 58	82 68	87 68	90 72	79 56	72 43	73 42	84 46	87 58	80 64	73	68 41	72 37	72 38	71 38	69 39	73 35	81 40	82 47	84 53	81 51	66 43	70 31	77 35	79 38	71 57	61 41	60 39	73 32	76.1 47.6
LEAO HILL	MAX	76. 61	76 54	75 58	75 66	83 70	88 63	71 50	73 37	76 38	80 37	85 48	83 56	73 34	63 35	73 30	68 36	65 33	68 29	77 29	84 38	83 43	85 43	82 49	66 32	80 27	81 29	80 30	68 48	60 38	56 30	75 26	75.1 41.8
LITTLE ROCK WB AP	MAX	83 67	79 61	82 63	82 68	87 69	89 63	73 58	72 52	74 50	84 52	86 61	82 59	73 52	68 47	75 42	72 47	68 46	69 45	75	80 46	82 51	83 55	81 59	65 43	72 38	78 42	78 45	69 51	62 43	59 38	73 35	76.0 51.2
MAGNOL1A 3 N	MAX M1N	87 66	84 60	88 60	88 67	90 70	92 72	86 53	72 48	75 43	86 47	89 60	86 66	77 48	71 41	77 36	77 45	75 40	72 · 35	79 36	81 45	83 53	84 50	83 57	78 37	74 34	80 34	82 47	76 55	63 41	61 39	76 34	79.7 49.0
MALVERN	MAX	85 65	81 60	84 58	85 66	87 72	89 72	84 53	74 45	75 41	84 47	87 57	84 66	75 44	69 39	76 35	74 44	71 38	71 36	78 36	81 36	84 47	83 50	82 52	75 43	74 31	78 32	80 37	75 55	63 40	60 37	75° 29	78 • 2 47 • 2
MAMMOTH SPRING	MAX	76 60	81 52	81 58	73 65	86 67	84 70	78 54	74 38	77 36	83 37	88 46	81 58	74 35	66 36	71 31	67 37	67 39	69 37	75 30	83 36	87 46	85 46	85 52	74 36	78 26	85 30	84 33	67 50	60 44	58 30	75 26	76.5 43.3
MARIANNA 2 S	MAX	72 63	83 56	80 60	80 66	79 67	86 70	89 57	74 43	72 41	76 48	84 57	85 59	74 46	72 39	68 35	71 42	71 35	67 41	67 34	72 44	78 49	82 51	83 54	82 46	63 31	70 35	78 41	78 45	72 40	61 32	60 32	75 • 1 4 7 • 1
MARKEO TREE	MAX. MIN	79 61	82 54	82 57	82 64	78 67	85 69	90 56	73 42	73 42	76 43	84 53	85 55	76 45	73 44	67 38	69 40	66 40	65 42	65 34	72 36	78 44	84 49	84 49	83	62 32	70 34	78 40	78 43	69 44	59 35	59 33	75.0 46.1
MARSHALL	XAM	78	76 52	77 55	74 62	80 68	91 69	76 62	36	72 37	80	83 58		36	66 36	73 32	67 36	65 34	6-6 3 1	74 30	80	85	83 46	80 47	65 33	76 30	80 42	8 3	65 47	60	56 38	74 35	74.5 45.0
MENA	MAX	83 65	78 61	78 59	78 68	83 71	83 67	67 58	70 45	73 42	81 47	82 57	84 68	70 46	65 47	75 39	75 45	62 47	69	78 42	80 52	82	81 55	7 9 59	69 40	74 35	78 42	78 52	69 53	59 42	58 37	73 40	74.6 50.9
MONTICELLO 3 S	MAX	85	82	82	84	89	90 72	89	73 42	85	83	83	83	74	71 39	74 36	83	69 36	69	74 35	81 50	82	82 57	81 50	80 52	72 31	77 36	78 43	78 65	70 42	61 36	73 35	78.6 49.4
MORRILTON	MAX	84	78 59	78 58	80 67	86 71	89 74	82	74	75 42	82	86 58	86	74 48	69	74	73 42	69	71	75 36	80 42	85 47	84	82 56	74 42	75 30	80	77 37	72 54	63	59 40	73	77.1 48.7
MOUNT IOA	MAX	72	84	78 53	79	82 72	84	84	70	72 37	74	80	85 59	89	73 41	62	77	72 38	65	69	77	79	84	83 54	80	65 27	74 29	78 38	78 55	70	61	60	75.5 45.2
MOUNT MAGAZINE	MAX	74	67	70	69	75	75	62	64	65	72	76	77	62	58	68	64	56	60	69	75	79	76	74 57	66	62	72	70	63	51	48	65	67.2
MOUNTAIN HOME	MIN	74	76	76	80	84	85	70	72	75	53	84	80	70	62	70	65	38	38 67	75	82	82	83	81	70	77	82	80	67	33 68	55	72	74.5
MOUNTAIN HOME C OF ENG	MIN	62 75	54 74	59 77	58 76	69 74	80	86	41 69	74	75	81	57 84	81	70	63	72	66	65	34 67	76	84	50 84	59 84	39	34 61	40 78	84	47 81	42 64	36 59	56	74.3
NARROWS DAM	MIN	63 84	55 87	59 82	62 85	67 85	70 87	54 86	40 84	39 75	77	48 83	58	43 87	4 5 75	70	39 76	42 7 9	69	72	36 77	82	49 82	53 83	37 82	28 69	32 74	38 78	80	43 72	35 64	60	78.5
NASHVILLE PEACH SUBSTA	MIN	78	60 85	59 82	84	68	73	55 86	45 72	73	75	56 82	65 85	45 85	39 74	36 69	42 75	39 79	67	37 71	41 77	79	49 82	49 82	79	34 68	35 72	39 76	43 78	39 71	33 68	60	47.0
NEWPORT	MIN	83	61	88	64 80	68	71	50 75	73	45 77	52 85	54 87	63 86	44 75	44 68	37	69	70	70	40 75	43 81	85	51 85	50 83	39 73	33 74	35 82	41 79	47 66	39 62	37 61	74	47.6
NIMROO OAM	MIN	61 76	54 84	59 76	60 80	65 81	67 85	56 88	43 73	40 75	43 75	54 83	61	45 85	43 73	37	40 72	42 75	43 68	36 70	41 78	82	51 87	55 85	82	31	36 78	40 82	55 80	45 69	35 62	31 62	47.2
OKAY	MIN	66 87	58 84	55 86	69 88	68	68	54 85	47 73	75	85	43	58 87	85	43 76	77	3 8 8 1	4.7 74	38 75	43 79	43 82	83	52 84	53 82	43	33 73	38 79	40 80	50 75	43 66	38 61	33 78	47.6 80.2
OZARK	MIN	67	62 74	61 79	69 78	72	74	53	46 74	75	48	60	68	49	70	3 9	46 76	42 69	36 73	38 76	85	48 86	51 85	53 85	45 68	32 78	33	42 81	63	43 64	38	32 78	49.8
PARAGOULO	MIN	64	61	59	65	68	66	50	43	42	43	54	64	41	39	36	43	39	34	36	78	47	50	52	37	30 70	33	39	51 70	38	35	29	46.2
	MIN	60	53	61	66	68	70	56	41	38	81	50	60	71	68 44	37	40	42	33		36	46	48	50	40	27	36	35	55	46	36	70 28	75.0
PARIS	MAX	64	78 60	81 59	82 67	88 72	67	74 51	75 43	77 42	83 42	88 65	89 64	75 43	70 45	79 34	77 42	43	72 38	82 36	88 42	88 45	90 51	86 53	78 38	79 29	85 32	84 38	73 52	63 37	60 37	78 30	79.6
PERRYVILLE	MIN		83 58	81 56	82 53	86 70	90 74	79 54	73 44	40	84	87 55	8 8 6 5	75 43	73 39	75 38	71 41		71 38	34	82 40	45	85 50			76 31	81 32	78 36		33		33	78•5 46•1
PINE BLUFF	MAX	67	81 60	84 62	82 69	89 72	91 74	84 59	74 49	76 47	85 52	87 61	80 65	75 50	69 49	75	73 48	68 44	70 43	76 42	80 46	83	84 57	82 56	69 48	73 37	79 40	78 47	72 56	64 43	57 40	74 36	77.4 52.0
PINE BLUFF CAA AP	MAX	84 65	80 60	85 62	85 68	89 71	92 68	74 54	73 48	75 45	85 49	86 60	78 62	73 50	68 44	74 39	72 46	68 44	69 41	75 37	79 43	82 51	84 53	82 52	65 38	72 31	79 35	79 41	73 46	63 41	61 35	73 32	76.7 48.7
POCAHONTAS 1	MAX	82 61	82 56	84 62	79 66	82 69	87 67	84 57	74 42	75 40	81 43	85 51	87 60	73 45	67 46	71	65 42	65 42	68 45	70 35	78 39	82 47	80 50	82 52	75 39	72 28	80 33	77 36	70 55	67 47	59 32	70 28	75.9 46.9
PORTLANO	MAX	78 66	85 61	85 59	82 62	85 69	87 68	90 60	73 50	73 45	75 45	85 50	83 60	70 53	76 45	70 40	74 40	75 40	68 42	68 38	72 38	79 43	80 48	82 52	82 54	65 32	70 32	78 33		73 45	62 31	61 31	76•3 47•5
PRESCOTT	MAX	76 64	85 58	82 57	86 59	85 65	88 69	90 51	72 45	74 43	75 45	83 51	86 57	82 45	75 45	70 38	74 41	76 41	70 37	76 38	80 44	82 50	83 50	81 43	- 1	73 32	76 36	77 42	71 41	73 41	60 37	58 31	77.3 46.5
ROGERS	MAX	75 63	73 60	71 60	70 62	79 69	84 63	64 47	70 43	73 44	75 43	79 55	72 57	62 43	66 41	70 36	63 43	59 40	64 36	75 36	80 49	80 59	81 53	80 62	68 34	73 36	78 48	78 48	67 46	55 35		73 37	71 • 3 47 • 7
RUSSELLVILLE	MAX	83 66	82 59	80 59	80 67	84 72	88 71	80 51	75 43	75 42	83 43	87 55	87 62	75 42	69 38	75 35	74 42	69 38	73 36	76 35	83 41	85 46	86 51	84 53	76 39	75 30	81 32	79 38	74 51	63 38		75 30	77.9 46.5
SAINT CHARLES	MAX	71 65	84 58	80 62	81 67	82 68	86 70	90 58	75 47	*72 45	77 50	85 59	86 61	74 49	73 44	69	73 45	72 41	67	6.8 39	73 45	79 52	82 53	83 54	84	64 33	72 38	78 43				60	75 • 8 49 • 0
SEARCY	MAX	82 64	79 58	82	78 67	86 70	89	82 57	72 45	75 43	84 45	86 57	83	75 44	68	74 38	69	68 41	68	73	80 41	84	84 54	82 55	72 43	73 32	80 34	77 39	68	63 41	60	73 30	76.4 48.5
SHERIOAN TOWER	MAX	83		83	86		85	88	43	81	82	85 58	86	75 45	74 41	75 39	72	71	70 39	75 42		84	82		72 42	73 31	78 35	78 35		68	63	74	78.2 40.5
SILOAM SPRINGS	MAX	71 64	80 62	72 61	72 62	73 67	82 69	85 46	68	74 41	74	77 43	82	72	69	68	75	66		68		84	81		82	62	75 39	80		57	59	57	73 · 1 44 · 4
STUTTGART	MAX	84	80	83	83 69	87	91		75	78	86	88	87	75	69	75	75	70	71	77	82	85	86	84	74	74	81	80	73	62	62	75	78.6
	CT A IN	0,5	77	0.1	0.9	09	12	28	49	46	51	61	64	45	45	41	48	41	44	42	45	52	55	55	48	36	34	44	57	41	40	35	50 • 9

Table 5 - Continued									D	ΑI	LY	Τ	EN	1P	ER	ΑT	'UI	RE	S												oc		4NSAU 1955
Station																Day	Of M	onth															900
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
STUTTGART 9 ESE	MAX	70 64	85 58	79 60	80	81 68	86	89 57	73	71 44	75 48	84	85 60	75 45	71	68	73 39	72 38	67	69	73 39	78 48	82	83	83	64	71	78 41	78 4.8	72 39	65 35		75 • 5 46 • 9
SUBIACO	MAX MIN	85	75	81		86	91	76	75	76	83	87	87	74	68	72	76	6.7	72	79	86	8.7	8.8	8.5	79	7.8	83	8.7	76	6.2	6.0	76 33	78.6 48.0
TEXARKANA WB AP	MAX	85	84 64	86 61	87 69	90 73	89	73	7.3	75	84	8.7	8.6	75	7.1	7.7	7.0	4.0	7.0	7.7	0.1	0.0	0.7	0.1									78.0 52.5
TURNPIKE	MAX	76	70	72	69	73	76	73	6.8	69	73	7.6	7.0	6.7	6.0	6.6	6.3	6.0			7.0	7/	26	7.0									68.3
WALORON	MAX	85	83	82	82	86	87	7.8	74	75	84	86	A.B.	7.3	6.0	9.1	7.0	4.7	7.0	0.3	0.6	0.7	0.7	0.4	7.0	0.0	0.0						78.8 44.3
WALNUT RIOGE CAA AP	MAX MIN	79	80	82	75	81	87	7.2	7.1	73	8.1	8.3	78	7.2	6.5	60	6.1.	4.7	. 7	7.0	2.7	0.0	0.1	7.0		7.	7.0	7.0					73.5 47.1
WARREN	MAX	86	89	90	90	91	89	78	73	85	89	89	78	79	71	7.7		70	7.8	8.1	83	86	8.6	8.4	72	72	7.0	9.3	7.0	7.		72	80.4
WHITE ROCK	MAX	76 60	66 59	69	67 64	73 66	83 60	66 46	68 50	67 49	72 52	76 66	79 59	66	60	69	67 53	59 40	63	70 48	76 55	78 59	77 62	75 57	70 35	67	72 51	75 54	65	50 37	54 33	67	69.1 51.2
WILSON	MAX	80	83	85	75	83	89	88	73	75	8.3	8.5	76	71	6.7	69	64	63	62	61	7.8	84	8.3	84	66	7.1	9.3	7.0	7.7	70	6.0	70	75 • 1 4 7 • 0
WYNNE	XAM N1M	83 63	81 60	82 63	78 66	84 70	88 72	82 52	77	80 46	83 52	85 61	77 60	71 43	66	70 38	68	66 37	65	71 34	77 46	83	85 53	83 58	66	69 31	78 43	76 48	68	61	59 34	70	75+2 48+9

Table 6

EVAPORATION AND WIND

																1	Day o	f mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
BLAKELY MOUNTAIN OAM	EVAP WINO	- *	- *	- 91	.07		.13	134	*	*	.46				.21			.20			.16			.14					.17		*		4.82 1729
HOPE 3 NE	EVAP WINO		.22		.09		.12		.19		.17								.17					.12				.16	.09 41				4.70 886
MOUNTAIN HOME C OF ENG	EVAP WINO		.10		.04							.12												.10			26	- 26	- 67	90	64	- 56	1243
NARROWS DAM	EVAP WINO					.09					.12													.11					.16 63				4.38
NIMROO DAM	EVAP WINO			.08		.05					.11						.11		.19						.23 70				.12	.17 126	.15 59	.16	4.19 819
RUSSELLVILLE	EVAP WINO				.07							.11					.12 10		.17		.12	.06		.10				.06			.13		3.51 469
STUTTGART 9 ESE	EVAP WINO																		.12					.12									3.60 1458

	Ġ		++	•	-	Obs	on	Refer			ó		÷			g	Obs vati	on		Refer	_
Station	Index No.	County	Drainage Latitude	Longitude	Elevation	Temp.	Observer Observer	to tables		Station	Index No.	County	Drainage	Latitude	Longitude	Elevation		Precip.	Observer	to tables	ı
Abbott Allcia Alum Fork Aly Aslty 3 ME	0006 S 0064 L 0130 S 0136 Y 0150 C	awrence aline cell	1 35 04 7 35 54 1 34 48 3 34 47 3 34 17	94 12 91 05 92 52 93 29 93 25	624 256 755 854	5p	7A James V. Williams 7A Ruby S. Owens 5P L. R. Water Works 7A Gurn B. Swaim 7A Wrs. Alta F. Garner	3 3 2 3 5 3 3	000	Lurton Madison Magnolia 3 N Magnolia 5 N Malvern	4528 4548 4550	Newton St. Francis Columbia Columbia Bot Sprins	5 4 4	35 46 35 00 33 19 33 20 34 23	93 14 93 13	2007 215 315 360 311		7A 7A MID	Lola 1, Dollar Lowen R. Jones Barl E. Graham Ark. Pwr & Lgt Co. Malvorn Fire Dept,	3 3 2 3 5	7 C
Antolne Aplin 1 W Appleton Arkadelphla Arkansas City	0178 P 0188 P 0196 P 0220 C 0234 D	erry ope lark	3 34 02 1 34 58 1 35 25 3 34 07 2 33 37	93 00 92 53 93 03	522 200	6P	8A Drew A. Lamb 7A Bobart Watts MID John A. Jones 6p Siliman E. Lawrence 8A John W. Trammell	3	c	Mammoth Spring Marianna 2 S Marked Tree Mareball Marvell	4638 4654 4666	Fulton Lee Poinsett Searcy Phillips	5 5 7	35 54	90 25	690 234 229 1050 195	98 8A 6P 8S	8A 7A	John B. McKee Uniw. of Arkansas William M. Crick Mrs. Minnie Horton Sterlin Wallace	2 3 5 2 3 5 2 3 5 2 3 5	7 7 C
Ashdown Athens Augusta Bald Enob Batesville Llvestock	0300 B 0326 W 0350 W	loodruff	4 33 40 4 34 19 7 35 17 7 35 18 7 35 49	91 34	960 218 230	7P 6P 9A	7P Southwestern G & E 7A Arra D. Parker 7A David G. Grlffiths 6P Univ. of Arkansas 9A Univ. of Arkansas	2 3 5	c	Maumee Melbourne Menn Monticello 3 S Montrose	4746 4756 4900	Searcy Izard Polk Drew Ashley	3 3	33 35	91 54 94 15	285	6P 5P	HID 7A 7A 5P	Verne N. Davenport Ivan L. Shrader E. W. St. John Arkansas A & M Col. Ark. Pwr & L8t Co.	3 2 3 5 2 3 5	7 C
Batesville L & D 1 Bear Creek Lake Beaty Lake Beaver Beebe	0496 L 0512 S	ndependence ee it. Francis arroll	7 35 45 7 34 43 5 35 05 7 36 2B 7 35 04	91 38 90 42 90 43 93 46 91 53	220 400		7A James J. Mitchum M1D U.S. Forest Service 5P L. G. Adamson 7A B. S. Skelton MID Lowell E. Perkins	3	c c	Morobay Lock & Dam Morrilton Mount Ida Mount Wagazlne Mountain Home	4938 4988 5010	Calhoun Conway Montgomery Logan Baxter	3	33 19 35 07 34 33 35 10 36 20		85 280 663 2800 800	5P 7A 7P 7P	7A 7A 7P	Corps of Engineers Emma S. Lenvell William E. Black U.S. Forest Service H. H. Halbert	3 2 3 5 2 3 5 2 3 5 2 3 5 2 3 5	C C
Beech Grove Beedeville Benton Bentonville Berryville 4 NW	0534 G 0536 J 0582 S 0586 B 0616 C	ackson aline senton	7 36 09 7 35 26 6 34 33 1 36 22 7 36 26	91 06 92 37	221 285 1295	6P 6P	8A 8. B. Bammond 8A P. M. Breckinridge 8A Mrs. Etta C. Burks 7A Earle L. Browne 7A James C. Mayes	3 3 2 3 5 2 3 5 3	С	Mountain Home C. of E. Mountain View 1 W Mountainburg 3 SSW Mulberry 6 NNE Narrows DDm	5046 5056 5072	Baxter Stone Crawford Franklin Pike	1 1	35 34	92 23 92 08 94 12 94 01 93 43	800 768 730 500 425	8A 5P 8A	7A 5P 7A	Corps of Engineers Mildred E. Ward . CLOSED - ~ Benry G. Arvin Corps of Engineers	2 3 5 6 3 11/10/5 3 2 3 5 6	C 4 C
Big Flat Blg Fork Blg Lake Outlet Black Rock Blakely Mountain Dam	0746 L		7 36 00 3 34 29 5 35 51 7 36 07 3 34 36	92 24 93 58 90 08 91 06 93 11	1100 238 259		7A .CLOSED	1/1/55 3 3 3 3 3	С	Nashville Peach Substa. Nashville SCS Nathan 4 WNW Newhope 3 E Newport	5114 5158 5174	Boward Boward Howard Pike Jackson	3 3	34 14		550 373 550 850 225	7A SS	7A 7A	Unlw. of Arkansas Soil Cons. Service Edna J. Westfall Elsie F. Word Luther D. Summers Jr	2 3 5	C 7
Blue Mountain Dam Bluff Clty Blytheville Booneville Botklnburg	0830 L	levada Hisslaslopi	1 35 06 3 33 41 5 35 56 1 35 09 7 35 39	93 09 89 55 93 55	511	7A 7P	MID Corps of Engineers 7A Paul M. Adams 7A Ivy W. Crawford 7A Cleo E. Yandell MID Thomas M. Pearson	2 3 5 7	ccc	Nimrod Dam Norfork Dam Odell Oden Dkay	5228 5354 5358	Perry Baxter Washington Montgomery Noward	7 1 3	36 15 35 48 34 38	93 10 92 15 94 24 93 48 93 53	470 425 1500 800 300	1	MID 7A 7A	Corps of Englneers Corps of Engineers Mrs. Renzo Hurst Vera J. Gann J. T. Hargis	2 3 5 6 3 3 2 3 5	C
Boughton Brudford Brinkley Buffalo Tower Bull Shoals Dam	0848 N 0872 W 0936 M 1010 N 1020 B	hite forroe fewton	3 33 52 7 35 25 7 34 54 7 35 52 7 36 22	93 20 91 28 91 10 93 30 92 34	205	5p	7A lris Elmore Wicker 7A Warshall Bickmon 5p Robert D. Schaefer 7A Boulah F. Powler MID Corpe of Engineers	3 3 2 3 5 7 3	c -	Dsceola Owensville Dzark Paragould Paris	5498 5508 5562 5576	Mississippi Saline Franklin Green Logan	3 1 5	34 37 35 29 36 04	89 58 92 49 93 50 90 29 93 45	250 500 396 275	6P 4P SS	6A 4P	Alwyn A. Cowan Guy Cook Burns Wakefield Radlo Station KDRS Fred J. Glrard	3 3 2 3 5 2 3 5 2 3 5	7
Surdette Cabot 4 BW Calico Rock Camden 1 Camden 2	1102 F 1132 I 1152 D	ilssissippi Pulaski Izard Duachita Duachita	2 35 49 7 34 57 7 36 08 3 33 36 3 33 35	92 04	289 400 116		6P G. A. Bale 5P S. M. Walther 7A Austin D. Barrls 7A John W. Knight MID Edith Z. Lehman	3 3 3 7 2 3 5	С	Parkin Parthenon Perryville Pine Bluff Pine Bluff CAA AP	5602 5694 5754	Cross Newton Perry Jefferson Jefferson	1 1 1	35 16 35 57 35 00 34 12 34 10	93 15 92 49 92 00	325	5P 7P	7A :	Corine D. Gardner Arthur B. Carlton rancis Flnkbeiner Mary T. Scheu U.S. Civil Aero Adm	3 2 3 5 2 3 5 2 3 5	C C
Camp Chaffee Camaan Carlisle 1 SW Carpenter Dam Clarendon	1188 S 1224 L	onoke arland	1 35 18 7 35 52 1 34 47 3 34 27 7 34 41	91 45 93 01	235	8A	8A U. S. Army MID Froney Dell Borton 8A John L. Tait MID Ark. Pwr & Sgt Co. 7A B. F. Northern	3	c c	Pine Ridge Pocahontas 1 Portinnd Prescott Prescott SCS	5820 5866 5908	Montgomery Randolph Ashley Nevada Nevada	7 3 3	34 35 36 16 33 14 33 48 33 48	80 59 91 30	840 330 122 318	7A 7A	7A 7A 7A	J. R. Huddleston Senedictine Sisters Mrs. Pearl Newton R. P. Hamby Soil Cons. Service	3 2 3 5 2 3 5 2 3 5 2 3 5	7 7 7
Clarksville Clinton Cold Springs Combs 3 SE Compton	1492 V 1520 S	adison	1 35 28 7 35 35 3 34 58 7 35 48 7 36 06	92 28 93 54 93 48	510 1250 1400	Ĭ,	6P Dr. Irving F. Beach 7A Earl B. Riddick 7A Margaret Zornes MID Maude C. Brashears MID William L. Binam	3	CC	Pyatt Ratcliff Ravana Remmel Dam Rison	6008 6016 6102	Marion Logan Miller Not Spring Cleveland	1 4 3	36 16 35 18 33 04 34 26 33 57	93 53 94 02 92 54	800 463 250 - 231		7 A	Dna V. McLean Lulu M. Weeks Bonny L. Allen Ark. Pwr & Lgt Co. J. N. Yaney	3	0
Conway Corning Cotter Cove Crossett 7 \$	1596 F 1632 C 1640 B 1666 P 1730 A	Polk	1 35 05 7 36 24 7 36 17 4 34 26 3 33 02	90 35 92 31 94 25	293 440 1050	7 A	5P G. Y. Short 7A Mrs. Laura Polk 7A Robert T. Fielding 7A Joe C. Allen 5P U.S. Forest Service	2 3 5 2 3 5 7 3 3 2 3 5	С	Rogers Russellville Saint Charles Saint Francis Searcy	6352 6376 6380	Senton Pope Arkansas Clay White	1 7 5	36 20 35 18 34 23 36 27 35 15	93 08 91 08	200 300		5P 8A 7A	Howard Fowler U.S. Forest Service Fish & Wildlife Serv William S. Buckley Adam C. Melton	2 3 5 2 3 5 6 2 3 5 3 2 3 5	7
Crystal Valley Cummins Farm Daisy Damascus Danville	1768 L 1814 F	aulkner	1 34 42 1 34 08 3 34 14 1 35 22 1 35 03	91 35 93 45 92 25	176 629 705	6P	7A Virda Byrd 6P Cummins Prison Farm 7A Ferna Jones Tedder 7A William A. Brown 7A J. A. Moudy	2 3 5 3 3 3 7	С	Sheridan Tower Shirley Siloam Springs Smithville Sparkman 4 E	6586 6624 6698	Grant Van Buren Benton Lawrence Dallas	7 1 7	34 27 35 38 36 11 36 05 33 55	92 21 92 17 94 33 91 18 92 48	1150	7A	7A 7A MID	Ark. Foreatry Comm. Maud H. Bradford John Brown Univ. . R. Richardson .rs. Ruchel Butler	2 3 5 3 2 3 5	7
Dardanelle De Queen ? Denver 2 B Dermott Des Arc	1838 Y 1948 S 1956 E 1960 C 1968 F	Sevier Boone	1 35 13 4 34 02 7 36 23 2 33 31 7 34 58	94 21 93 18 91 26	1028 140		7A Gretchen Goodier 7A D. Tucker Vasser MID Clarence E. Collins 8A L. W. Wilson 7A C. J. Rister	2 3 5 2 3 5 7 3 2 3 5	С	Stamps Star City 2 S Steve Stuttgart Stuttgart 9 ESE	6820 6856 6918	Lafayette Lincoln Yell Arkunsas Arkansas	1 1	33 22 33 54 34 53 34 29 34 28	91 51	682 214	6P	7A 7A 7A	Hubert Baker Ark, Forestry Comm T. P. Slms George L. Clark Inlv. of Arkansas	3 3 2 3 5 2 3 5 6	c
Devils Knob 1 Dunas 1 Dunas 2 Durham Eagle Gap	2148 D 2150 D	Desha Washington	1 35 43 2 33 53 2 33 53 7 35 57 1 34 43	81 30 91 30 83 59	162 165 1243	5P 7P	7A Earnest C. Campbell 7P Ben Johnson MID Ark. Pwr & L8t Co. MID Goldle E. Brink 7A Maxine M. Booper	2 3 5 7	C C	Subiaco Sugar Grove Sugar Loaf Mountain Taylor Texarkana WB Airport	6840 6944 7038	Logan Logan Clehurne Columbia Miller	7 4	35 18 35 04 35 29 33 06 33 27	91 58 93 27	500 300 247	50	7 A	New Subiaco Abhey D. R. Fennell -GEOSBD ldella D. Norwood U.S. Weather Bureau	2 3 5 3 5/25/54 3 2 3 5	7 (
El Dorado CAA AP Bureka Springs Bvening Shade Fayetteville Fayetteville CAA AP	2366 S	Carroll	3 33 13 7 36 24 7 36 05 1 36 05 7 36 00	93 44 91 37 94 10	1465 490 1370	6P	MID U.S. Civil Aero Adm 6P Mabel F. Spray 7A Opha Wolfe 7P Charles F. Ford MID U.S. Civil Aero Adm	2 3 5 7	С	Turupiko viola Waldron Walnut Grove Walnut Ridge CAA AP	7450 7488 7524	Pope Fulton Bcott Independence Lawrence	e 7	35 40 36 24 34 54 35 51 36 08	91 55 94 06 91 21	683	5 5 P	7 A 5 P	U.S. Forest Service CLOSED William D. Bivens A. N. Fast U.S. Clvll Aero Adm	3/46/55 2 3 5 3	7
Fayetteville Exp. Sta. Flippin CAA AP Fordyce 6 W Foreman Forester 4 WNW	2528 h	Washington Warion Dallas Little River Scott	7 36 06 7 36 18 3 33 49 4 33 43 1 34 47	92 36 92 31	700 280	MID	SP Univ. of Arkansas MID U.S. Civil Aero Adm SP John Yeager MID Leslle P. Callens 7A Mrs. L. L. Nelson	2 3 5 7 2 3 5 2 3 5 3	С	Warren Washita Wast Fork Wheeling White Rock	7592 7684 7744	Bradley Montgomery Washington Fulton Franklin	7 7	33 36 34 38 35 55 36 19 35 41	93 32	1340 680	2	MID MID	Warren Cotton D11 C Nora Lee Mayberry Effie D. Little Thomas W. Cone U.S. Forest Service	3	;
Forrest City Fort Smith WB Airport Fort Smith Water Plant Fountals Bill Fulton	2578 C 2588 A	St. Francis Bebastian Crawford Ashley Bempstead	5 35 01 1 35 20 1 35 39 3 33 21 4 33 37	94 22 94 09 91 50	793 175	MID	MID Thomas A. Moore MID U.S. Weather Bureau 7A R. J. Schoeppe 6P Jethro R. Denson 8A Ina J. Logan	2 3 5 7 2 3 5 3 3	C	Whitecliffs Wilson Winfrey Wing Wing Wynne	7912 7936 7950	Sevier Mississippi Crawford Yell Cross	1 1	35 34 35 44 34 57	94 04 90 02 94 06 93 26 90 46	237 1152 350	5 p	7A MID MID	L. M. Snead D. D. Anderson Clyde F. Meadors Miles B. Turner Wm. M. Courtney	2 3 5.	
Georgetown Glibert Glenwood Grannis Gravelly	2760 9 2794 5 2842 9 2808 9 2922 9	Searcy Pike Polk	7 35 07 7 35 59 3 34 20 4 34 14 1 34 53	92 43	595	6P SB	7A Bessie E. Akers 7A C. Eli Jordan 7A Myrtle I. Price 7A W. E. McVay 7A Willle Fendergrass	3 5 7 3 2 3 5 2 3 5 3	С	Yellville	8084	Marion	7		92 41			7.A	Madge V. Doshier	3	_
Gravette Green Forest Green Mountain Greenbrier Greenwood	2946 C 2952 S 2982 F	Benton Carroll Stone Paulkner Bebastian	1 36 24 7 36 20 7 36 02 1 35 14 1 35 13			7A	SS Elson B. Schmidt 7A Dbed B. Wilson 7A U.B. Forest Service 8A Thomas E. Cantrell 7A Dorothy M Been	2 3 5 7 3 2 3 5 3 3		† Beber Springs 3 NE Danville SCS Salem Dzone	1835 6403	Cleburne Yell Fulton Johnson	1 7	35 04 36 23	92 01 93 24 91 50 93 27	370 668		MID 7A	ester B. Logan toll Conservation Se Jas. B. Caldwell aurice R. Brandt	3 3 3	
Gurdon Bampton Berdy Barrison Beber Bprings 3 SW	3132 8	Calhoun Sharp	3 33 54 3 33 32 7 36 19 7 36 14 7 35 28	92 28 81 29 93 07	202 362 1150	6Р	7A Roy B. Robbs 8A Soll Cons. Bervice MID Theresa Donaldson 7A Bea Gray Beens MID Woyne Btark	2 3 5	C C	2000		00111001	·								
Bector Belena Benderson 2 W Bope 3 NE Bopper	3258 E	Pope Phlllips Baxter Bempstead Montgomery	1 35 28 2 34 32 7 36 22 4 33 43 3 34 22	93 33	375	6P 8A	7A Dorothy H.Bpilshury 7A Charley M. Friddell 7P Emil W. Bentzien 7A Cecil M. Bittle 7A Lona A. Shields	2 3 5	С												
Boratio Bot Springs 1 NNE Buntsville Buttlg Dam Index	3466 0 3540 I 3556 I	Sevier Garland Madlson Union Little River	4 33 56 3 34 31 7 36 05 3 33 02 4 33 35	93 03 93 44 92 05	630 1453 60	5p	6A Blizabeth W. Friday 5P Natl Park Service MID May Pearl Markley 8A Corps of Engineers 8A W. E. McDowell	7 2 3 5 7 2 3 5 7 3 3	CC												
Jasper Jessieville Jonesboro Eco Eingsland	3704 (3734 (3862 1 3904 (Newton Garland Craighead Lonoke Cleveland	7 36 01 3 34 42 7 35 50 1 34 36 3 33 50	93 04 90 42 92 00	730 345 230	6P 7P	7A Lottie D. Davis 7A Mrs. Velwa M. Dunn 7A Benedictine Sisters 7P R. A. Waller MID Claudie W. Bunter	3 3 2 3 5 7 2 3 5	С												
Lake City Lamar 2 BW Langley Lead Bill Lee Creek Guard Sta.	401B 4060 1	Craighead Johnson Plke Boone Crawford	5 35 49 1 35 26 3 34 19 7 36 24 1 35 42	93 25 93 51 92 54	550 796 710	7P	7A Tressa Bt. Clair MID Peach Exp. Station 7A Mabel P. Forrester 7P F. W. Kellogg 7A U.S. Forest Berwice	2 3 5	С												
Leola #Little Rock WB Airport Little Rock Flit, Pl. Lost Corner Lounn 2 88	4134 4248 4250 4324 4332	Pulaski Pulaski	3 34 10 1 34 44 1 34 46 7 35 34 3 33 22	92 14 92 19 92 50	1550	M1D	7A J. R. Rhodes MID U.B. Weather Bureau MID L. R. Water Works 7A Catherine Russell 6P Flora A. Bamilton	2 3 5 7 3 3 3 3	С	† Continuatio	n of	Sugar Loaf Mo	unts	in ree	cord.	1					
DRAIMAGE CODE: 1. AR	KANBAS	2. MISSISSI	PPI 3. D	UACBITA	4. F	RED	5. BAINT FRANCIB 8. BAI	LINE 7. WHI	TE										-		

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station lndex are in local standard time.

pelayed data and corrections will be carried only in the June and December issue of this bulletin

Montbly and seasonal snowfall and beating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles, Degree days are based on a daily average of 65°F.

Evaporation ie measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and bail were included in snowfall averages in Table 1, beginning with July 1948,

Asounts in Table 3 are from non-recording gages, unless otherwise indicated,

Data in Tables 3, S, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground valuee are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of Arkansas may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and S is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometere are generally exposed in a sbelter located a few feet above sod-covered ground; however, the reference indicates that the thermometere are exposed in a sbelter located on the roof of a building.

 [Am Data based on observational day ending before moon.]

 And Data based on observational day ending before moon.

 And Adjusted to a full montb.

 Data for recorded stations, denoted by "C", are processed for special purposes and published later in Heurly Precipitation Data.

 Where equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 None or more days of record missing; see Table S for detailed daily record. Degree Day data if carried for this etation, have been adjusted to represent the value for the full montb.

 Amounts from recording gage. (These amounts are eesentially accurate but may vary slightly from the amounts to be published later in Bourly Precipitation Data).

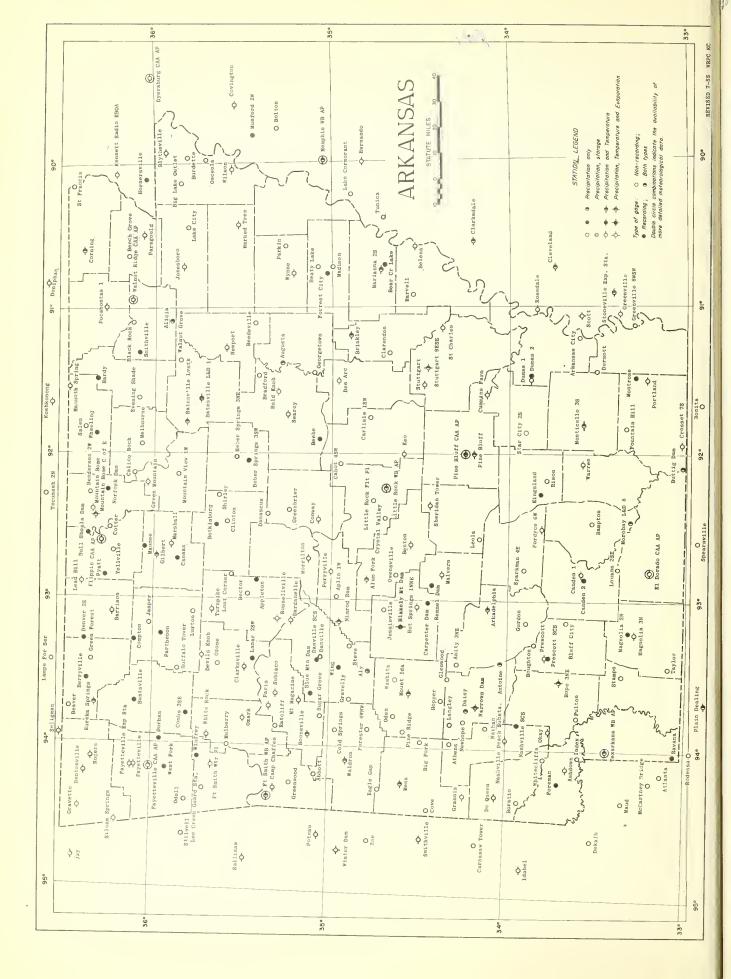
 Trace, an amount too small to measure.

 Includes total for previoue month.

 Station lades means observation made near sunset.

Subscription Price: 20 cents per copy; montbly and annual, \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 55, D. C.

NWRC, ASHEVILLE, N. C. -- 12-7-55 -- 1005



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CLIMATOLOGICAL DATA

ARKANSAS

NOVEMBER 1955 Volume LX No. 11



ARKANSAS - NOVEMBER 1955

WEATHER SUMMARY

November was cool and very dry. Temperatures averaged 49.4° or 2.0° below normal. Rainfall averaged 1.97 inches or 52% of normal. The rains during the last half of the month benefited winter grains, meadows, and pastures.

November 1st was mild but a cold front, which crossed the State during the night, ushered in the first general freeze of the season over the main crop areas. The cool spell lasted until the 10th. The 11th was warm and some record-breaking high temperatures occurred during the hot spell from the 12th to 15th. Maximums for the period, which were also the highest temperatures for the month, ranged from the middle and upper 70's at a few high-elevation stations to 90° at Dumas. The cold front which crossed the State on the night of the 15th introduced a three-day cool spell. Warm weather prevailed on the 21st and 22d. Two more cold fronts crossed Arkansas during November--one on the night of the 22d and the other during the afternoon of the 27th. The first of these dropped the temperatures to slightly below normal and the other preceded the coldest days of the season, the 28th to 30th. Daily mean temperatures averaged 16° to 18° below normal during the last three days of the month and all stations except three registered their coldest temperatures for the month during that period. Monthly minimums ranged from 8° at Gravette to 23° at Little Rock. Monthly mean temperatures ranged from 44.2° at Siloam Springs to 54.9° at Okay. Monthly mean temperatures were below normal at practically all stations.

Very little rain fell during the first two weeks. A few scattered showers occurred over the north on the 2d. Scattered showers occurred on several days during the last half of the month. In general, the showery days were the 14th to 16th, 18th, 22d to 25th, and 30th. The larger amounts occurred in the eastern part of the State. Rainfall over the extreme west was very light and several western stations received less than an inch of rain during the entire month. The least amount was 0.36 inch at Gravette. Several scattered localities from El Dorado to the extreme northeastern part of the State received amounts in excess of 3.00 inches. The greatest monthly total, 3.79 inches, occurred at Hampton. Precipitation was below normal at all stations except Paragould. The greatest deficiencies were in the extreme southwest. Snow flurries occurred at many stations. The greatest snowfall amount, 0.8 inch, occurred at Fort Smith.

The weather during November was favorable for outdoor farm activities which consisted principally of cotton picking, rice and soybean harvest, picking corn, pruning orchards, gathering pecans, care of livestock, clearing, hunting, fencing, fertilizing, butchering, digging potatoes, plowing, and planting winter grains. Pastures were brown during the first part of the month but improved, as did the fall sown grains, during the latter half in response to the rains. Livestock continued in good condition with plenty of feed.

STORMS

A tornado injured five persons and caused \$15,000 property damage in Van Buren County shortly before noon on the 2d. Tornadoes occurred in Cleburne, Independence, Lawrence, Newton, Perry, and Washington Counties during the afternoon and evening of the 15th. They caused at least one death, several personal injuries, and several thousand dollars of property damage. For more details concerning the severe storms that occurred in Arkansas during November, the reader is referred to Climatological Data, National Summary.

Lucius W. Dye

SUPPLEMENTAL DATA

RKAN, _

	Wind	direction		Wind	speed p h		Relat		ndity ave	Brages		Numb	per of de	ys with	precip	itation			-
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12 * * * 1		4 5 5	a. m	Trace	.01 – 09	10-49	50 - 99	100-199	2 00 and over	Total	Percent of possible sunshine	Average sky cover
FORT SMITH W8 AIRPORT	5W		7.9	4			ŧН	17	48				4					1	4.84
LITTLE ROCK W8 AIRPORT									18.5										4 1
TEXARKANA WB AIRPORT	_	-	-	_	-				-		4						9		

Table 1

COMPARATIVE DATA

NOVEM8ER

	Т	emperatu	11.6	P	recipitatio	on		T	emperatu	10	P	recipitation			Т	emperatu	16	F	recipitatio	on
Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average snowfall	
1891 1892 1893 1894 1895	49.7 49.9 49.3 50.4 49.9	87 79 84 81 82	10 20 10 12 16	5.56 5.83 4.21 1.12 4.82	1.2 0.0 T		1916 1917 1918 1919 1920	52.1 50.7 49.7 51.4 47.8	87 85 88 86 89	10 11 18 14 10	2.95 1.96 3.91 6.27 1.95	T T 0.1 T		1941 1942 1943 1944 1945	49.9 54.5 49.7 52.7 53.5	87 88 88 87 88	18 18 15 17	2.31 3.83 1.10 4.70 3.97	T T T O.1	
1896 1897 1898 1899 1900	52.8 51.6 47.5 54.3 51.4	88 88 87 87 90	8 15 9 17 18	4.34 2.82 3.20 2.61 4.28	0.1 T T T		1921 1922 1923 1924 1925	54.9 52.9 50.8 53.4 50.4	88 88 81 88 89	17 20 21 15 15	5.53 3.89 3.34 2.36 5.67	T 0.0 0.3 T T		1946 1947 1948 1949 1950	53.6 47.7 50.9 52.3 47.4	85 82 85 85 85	17 17 13 12	9.09 5.06 5.78 0.37 2.24	0.0 T 0.7 0.0 0.2	
1901 1902 1903 1904 1905	50.5 56.5 47.6 51.4 53.2	88 90 89 89 88	15 18 2 17 9	2.99 6.66 0.64 1.38 3.28	0.0 T 0.1 T		1926 1927 1928 1929 1930	47.2 56.7 50.2 46.1 50.5	81 96 82 85 87	10 20 13 7 16	3.33 3.67 4.25 2.61 4.15	0.7 0.1 T 2.3		1951 1952 1953 1954 1955	45.0 49.7 49.5 50.7 49.4	89 88 85 84 90	9 9 15 14 8	5.13 7.01 2.16 1.37 1.97	1.6 1.5 T T	
1906 1907 1908 1909 1910	50.2 49.0 53.8 59.3 51.5	88 84 88 90 85	13 10 5 16 17	5.90 5.71 5.40 3.75 0.47	0.1 T T 0.0 0.0		1931 1932 1933 1934 1935	57.6 46.7 53.0 54.0 49.8	88 82 85 88 89	18 9 20 20 16	6.34 1.98 1.86 6.89 3.81	T 0.1 T 0.6 T	١							
1911 1912 1913 1914 1915	46.8 50.5 57.6 52.6 54.8	86 89 85 88	5 13 20 11 17	3.18 1.66 2.47 2.32 5.40	0.2 T 0.0 T 0.1		1936 1937 1938 1939 1940	48.5 48.3 50.7 48.8 49.3	87 90 89 87 82	12 6 8 14 3	3.00 4.99 5.26 3.39 5.93	0.2 0.5 0.1 T	AA AMA							

Beginning with 1955, averages have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

				Ten	npera	ture									P	recip	itation				
				i a						N	o. of I	Days		-	>		Snow,	Sleet, I	Hail	No	of D
Station	Average Maximum	Average Minimum	Average	Departure From Norm	Highest	Date	Lowest	Date	Degree Day	Above W	5 2 5	Min.	Total	Departure From Norma	Greatest Da	Date	Total	Max. Depth on Ground	Date	.18 or More	.50 or More
HIGHLANO OIVISION ALUM FORK ASHOOWN BENTON BENTONVILLE BOONEVILLE CAMP CHAFFEE AM CLARKSVILLE CONWAY OARDANELLE OG OUEEN	65.4% 66.8 63.7 59.0 65.2 64.3 64.7 64.7 64.7	36.6M 39.4 34.7 31.4 35.1 31.1M 34.7 38.3 37.2	51.0M 53.1 44 51 51 47.7M 49.7 51 51	- ^.5 - .1 - z.8	86 82 88 86 86 85 87	13+ 13 13+; 13	18 17 11 16	29+ 30 17+ 29+ 29 29	448 405 490 605 479 530 484 445 446 425	0 0 0 0 0 0 0 0 0	0 1 0 1 1 1 0 1 0 2 0 1 0 1 0 1 0 1	1 0 6 0 6 0 0 9 0 4 0 4 0	0.51 1.99 1.62 0.82 1.62 0.98 2.29 1.75 1.71	- 4.76 - 2.46 - 2.27 + 1.77 - 3.64	0.50 0.78 0.60 0.57 0.77 0.49 1.12 0.89 0.71	14 19 16 19 19 22 18 19	0.0 0.0 0.0 0.0 1 0.0 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0		1 4 4 2 3 4 4 3 3 2	1 1 1 2 0 2 2 2

ARKANSAS NOVEMBER 1955

					Ten	apera	ture								P	recip	itation					-
					al la				50	No	of Day	ys		al	٨		Snow,	Sleet, I	Tail	No. o	of Day	8
Station		Average Maximum	Average Minimum	Average	Departure From Norma	Highest	Date	Lowest	Degree Days	Man Appose	32° or Below 32° or Below	o or Below	Total	Departure From Norma	Greatest Day	Date	Total	Max. Depth on Ground	Date	2	1.00	or more
DEVILS KNOB EUREKA SPRINGS FAYETTEVILLE FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP FORT SMITH W8 AP FT SMITH WATER PLANT GLBERT GRANNIS GRAVETTE	R //	57.3 61.0 59.7 59.0 60.4 60.7 62.5 64.4 63.9 64.2 60.0	35.9 35.0 34.7 29.8 32.9 30.8 34.4 30.6 31.3 37.5 29.9	46.6 48.0 47.2 44.4 46.7 45.8 48.5 47.5 47.6 50.9	- 1.9 - 2.6 - 2.0 - 3.5	78 83 82 82 82 83 86 83 84 83	13 15 15 15 13 13 13 13+ 15	11 28 12 29 14 29 12 30 11 29 13 28 18 29 13 29 12 30 13 17 8 29	555 525 550 617 563 585 507 536 537 453 608	0 0 0 0 0 0 0 0 0 0 0 0	1 14 2 15 1 18 1 20 1 19 1 21 0 15 0 21 0 20 0 14 1 19	0000000000	1.32 1.81 0.99 1.44 1.43 1.05 1.50 1.03 2.55 1.02 0.36	- 1.42 - 1.62 - 1.52 - 0.34 - 3.67 - 2.82	0 • 51 0 • 52 0 • 48	16 30 16 18 18 19+ 23 23	0.0 0.0 T T T 0.0 0.8 0.0 0.0	0 0 0 0 1 0 0	30	4 3 3 4 3 5 2 4 3 2	0 0 1 1 0 0 0 0 1 0 1 0 1 0 0 0 0 0 0 0	
HARRISON	M R //	61 · 2 65 · 8 64 · 6 62 · 8 65 · 4 61 · 6 63 · 3 65 · 4 61 · 6 63 · 3 64 · 2 62 · 8 64 · 9 65 · 2 64 · 9 65 · 2 67 · 2 67 · 2 68 · 9 67 · 2 68 · 9 69 · 9 69 · 9 69 · 9 60 · 9	29.9 37.4 41.3 28.0M 39.4 30.6M 32.9M 39.3 37.1 32.0 34.3M 34.37 29.7 34.6M 35.6 33.4 34.37 34.38 33.4 34.37 35.5 28.9 36.6 36.6 36.6 37.	45.6 51.6 53.0 45.4M 50.9 51.4 46.0M 47.3M 51.3 50.7 47.4 44.5M 50.2M 50	- 2.8 - 1.6 - 0.8 - 2.1 - 0.6 - 0.0 - 2.7 - 0.7 - 0.7 - 1.6 - 2.0 - 1.6 - 2.0 - 1.6 - 2.0	86 77 87	12+ 13+ 13 15 13 13 13 14 13+ 15 16 13+ 14 14 14 11 13 13 14 14 15 11 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	10 30 20 29 21 28 11 30 23 28 21 28 21 28 21 29 12 30 13 30 19 28 20 29 15 30 10 28 20 29 15 30 11 29 16 30 21 29 17 29 17 30 18 29 17 29 17 29 17 28 22 21 29 17 28 22 29 21 20 21	439 5753 4458 4458 4458 450 4852 450 4852 450 470 4854 470 4854 470 4854 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 20 14 20 15 20 16 20 17 1 22 13 00 18 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17		1.05 1.94 1.72 1.70 1.80 2.04 1.59 0.89 1.64 1.31 1.69 1.54 1.54 1.55 1.54 1.54 1.55 1.73 1.95 1.28 2.55	- 1.68 - 2.61 - 2.60 - 1.68 - 2.12 - 1.81 - 2.70 - 1.93 - 2.51 - 3.04 - 1.65 - 1.73 - 1.65 - 1.75 - 1.22 - 0.98 - 3.18 - 2.25 - 1.31	0.60 0.55 0.70 1.09 0.65 0.62 0.61 0.50 0.40 0.37 0.60 0.52	16 2 18 3 19 16 19 15 18 4 16 23 23 16 16 15 16 23 18 19 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0			36344542243354654433434 243443	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
DIVISION DELTA DIVISION				48.8	- 1.9								1.48	- 2.20			Т					
ARKADELPHIA BALD KNOB BATESVILLE LIVESTOCK BATESVILLE LAND D NO 1 BLYTHEVILLE BRINKLEY CAMDEN 1 CORNING CROSSETT 7 SCUMMINS FARM DES ARC DUMAS 1 EL DORADO CAA AP FORDYCE 6 W HELENA JONESBORO KEO MAGNOLIA 3 N MARIANNA 2 S MARKED TREE MONTICELLO 3 S NEMPORT PARAGOULD PINE BLUFF PINE BLUFF PINE BLUFF POCAHONTAS 1 PORTLAND PRESCOTT SAINT CHARLES SEARCY STUTTGART STUTTGART STUTTGART SUVISION	M M M M M M M M M M M M M M M M M M M	65.3 63.3 61.2 59.8 63.9 63.9 63.5 64.5 64.5 65.7 65.1 65.5 64.5 63.5 64.5 63.5 63.5 63.5 63.5 63.5 63.5 63.5 63	38.7 34.6 29.4 35.0 36.0 36.0 34.9 40.4 39.2 42.1 41.6 39.7 40.1 35.6 39.7 40.1 35.6 39.7 40.1 35.6 39.7 40.1 35.6 39.7 40.1 35.6 39.7 40.1 35.7 40.1 35.7 36.0 37.7 36.0 37.7 37.5 38.7 38.7 38.7 38.7 38.7 38.7 39.5 39.7 39.7 30.7	49.0 49.0 45.3 48.0 48.0 48.0 48.0 50.5 46.6 47.1 52.2 47.1 52.2 47.1 52.2 47.1 52.2 47.1 52.3 48.6 52.1 54.6 48.5 53.1 54.6 48.5 53.1 54.6 54.6 54.6 55.1 54.6 55.1 54.6 55.1 54.6 55.1 56.6 57.1	- 1.2 - 2.2 - 2.1 - 2.9 - 2.0 - 0.6 - 0.1 - 3.9 - 0.8 - 2.3 - 0.4 - 1.1 - 0.3 - 3.2 - 4.2 - 5.5 - 0.2 - 0.3 - 2.2 - 0.4 - 0.9 - 1.4	857 87 887 887 887 888 887 884 887 886 887 886 887 886 887 886 887 886 887 886	13 13+ 13+ 15 14+ 13 13+ 13 13+	22 30 17 29 11 30 15 28 20 30 15 20 20 20 21 20 20 29 21 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20 2	374 406 519 476 377 485 510 402 481 402 459 558 402 459 459 459 459 459 459 459 459 459 459	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 11 0 18 1 20 0 17 0 13 0 17 0 13 0 17 0 12 0 8 0 0 11 11 0 13 0 15 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18		3.77 1.58 1.42 2.89 2.89 2.99 2.37 2.71 2.28 3.58 3.58 3.58 3.58 3.58 3.58 3.58 3.5	- 0.08 - 0.04 - 0.56 - 1.07 - 1.45 - 2.30 - 1.84 - 0.65 - 1.72 - 2.16 - 1.62 - 1.12 - 3.11 - 0.96 - 2.35 - 1.61 0.19 - 1.66 - 2.06 - 1.45 - 2.31 - 2.68 - 1.25 - 0.94 - 1.45 - 0.48 - 1.07 - 0.48 - 1.07 - 0.48	1.15 0.65 1.11 1.20	18 19 18 18 18 19 18 19 18 19 18 19 18 19 18 19 19 19 19 19 19 19 19 19 19 19 19 19	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0			443455446446365563636454546453643544	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
OIVISION STATE				50.0 49.4	- 2 · 2 - 2 · 0								2.50	- 1.45 - 1.84			T T					

O DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AND STATE MEANS.

Station	Total			-				- т						y of m										Test	0.0		0.0	0.7		
88077	1.45	1	2	3	4	5	6	7	8 9	10	11	12	13	14	15	+23	17	18	. 43	20 21	22	23	24	25	26	27	28	29	30	3
LICIA LUH FORK LY	1.95 .51 1.26			•05												•56 •15		.50	.72	.01		.62								
ITY 3 NE	1.65		Ť	•01										T	. 30	a 40 to		Ť	. 45			. 41		. 04						
TOINE PLIN 1 W RKAOELPHIA	2.08 1.68 3.77		.40	•11		т	.09	Ť						2.05	. 60	.20	+34	1.10	.96		.0.	.62								
RKANSAS CITY SHDOWN	2 • 11		.08	•22			.33	* 16 T		T			.05	.78	•02	* 12	T	+46	.72			. 39	Т	- 22						
THENS JGUST A	2.10		T	• 03										.04 T	T T	.45			. 48 . 80			1.11		r						
ALO KNOB ATESVILLE LIVESTOCK	1.58		.10	Ť									T	T	Ť	•16 •35		.68	.67			+64								
ATESVILLE L AND O NO 1	3.41	т	. 50	• 26										+23	т	.31		.95	. 78		T	.61		.05						
EAVER ECH GROVE	1.30		+12	.53												1.65	T		·11			. 16								
EOEVILLE	1.62			-19											.04	. 57		T	.60			.38								
ENTONVILLE ERRYVILLE 4 NW	1.77		.08	T												1.33			•23 •23			*112								
IG FORK IG LAKE OUTLET LACK ROCK	2.33 1.23		* 05 T	.30										•02	• 12	•33 •35 •14		.77	.39 .12 .65			.23 .65								
AKELY HOUNTAIN DAM	1.57	T	Ť												. 45	.39		Ť	.47			.26								
UFF CITY YTHEVILLE ONEVILLE	2.32		•02	.29			.15							• 26		+15 +76 +13		• 77	.77		. 70	•13 •72								
DUGHTON	1.10			1												.67			.12		Т	.31								
AOFORO INKLEY FFALO TOWER	1.94		.43	-16								Ť	• 02	Ť	T •01			1.10	•91 •25			.70								
ROETTE BOT 4 SW	1.82 2.60 1.24	+31	.15	+41										Ť	т	*21 T		1.09	. 35			.70 1.23 .48								
LICO ROCK	2.04			. 4.4															.62			. 75								
MOEN 1 MP CHAFFEE RLISLE 1 SW	2.96 .98 2.63			.12												1.00 .22 .75		T	.98 .49			+42 +15 1+17								
AR ENOON	2 • 69			. 4 9											. 30	•21			1.10			. 45		-14						
ARKSVILLE INTON LO SPRINGS	2.29 1.99 1.39		.04	.05											.25	+14 +84 +65		. 73	.01 .46		1.12	.64								
NWAY RNING	1.75		• 12	.12												+15		. 89	.96		.68									
TTER	1.52		•01	•20												.47			.54			.30								
VE OSSETT 7 S YSTAL VALLEY	2.37		.98				. 35			+1	3			T	.06	.08		.06	. 15			.19	.03	-40						
MINS FARH	2.71		• 72												.08			.64	.82			.45								
ISY MASCUS NVILLE	1.34 3.18 2.45		.01	.40			T							T	.04	2.12			.75			.30								
ROANELLE QUEEN	1.71		Ť										T			.49			.71			•51 •21								
RMOTT S ARC	2.57			•10 •22			• 90									*15 *18		. 18 T	.59			.35		. 30						
VILS KNOB	1.32		. 49	. 35												.33		1.74	.36		,	.28		.10						
GLE GAP	1.30		.07				.33			02					. 34	. 18		1.49	T 8		T .	.99	. 52	т					.08	
OORAOO CAA AP REKA SPRINGS ENING SHAOE	3.06 1.81 1.29		.05	.09			.33		•	02						1.09			. 24			.43 .41	• 02							
YETTEVILLE CAA AP	1.44		.03												•01 •27	.49		•31 •32			. 15								. 43	
AYETTEVILLE EXP STA	1.43		.03												• 02	.73 .25		•42 •51			.09	. 25								
PROYCE 6 W	1.85		.15				.07							•10	.20			.53	. 37		.37	. 33	. 43	Т					10	
ORT SHITH WB AP R//	1.50		•25												. 26	.04		•52	. 48		• 3 /	.48							.10	
RUNTAIN HILL	1.13	-	-	-	-	-	- T	7		-	-	-	-	- 08	- 09	.10	•	-13	. 45		-	.28	-		-	-			-	
OR GETOWN LBERT	2.55		.01	.74										Ť	Ť	.36			.59			•63 •85		'						
ENWOOD RANN IS	1.38															•18			.70			.60								
RAVELLY	2 - 80			T												1 • 4 8 • 2 5 • 9 4		+10	. 37			.95 .01								
REEN FOREST	1.07		_	_	_	_	_	_		1	_	_	_		_	-	_	. [-	-	_	-	_	-	-	-		
EENBRIER EENWOOO	1 • 2 4		~ †	-	-	-	-	-		-	-	-	-	-	.62	+35 +23	.08	-	.53		T	.09	. 30	-	-	-	-	-	-	
ROON	3.77		'	• 72			• 11	.57							.42				:.60			. 35		• 13						
RRISON BER SPRINGS 3 NE	1.05															1.53		.58	.65			-20 -41 -46								
CTOR LENA NOERSON 2 W	1 • 75 2 • 92 2 • 27		•05	. 56											T	.52	Т		1.15			.50		1 -19						
PE 3 NE	1.94			.25			.50							Ť		.10		•20	.68			.21								
PPER RATIO T SPRINGS 1 NNE	2.05 .58 1.72		•02 T	.16										.01 T	· 03	.74 .07		•03 •35	.30 .20			.82 .28 .64								
TIG OAM	2.39	,		.93			•06	.39		• 14	9								. 32			.13		.38						
DE X SPER	1.25		.11	.60			• 15							• 30	•03	.44		. 30	. 25 . 42 . 45			.25 .68								
SSIEVILLE NESBORO	2.24 2.71		.15	.35										.10	•03	+65		1+11	.60			.70								
KE CITY	2.21			.49										.10	Ţ	•27 •20			.76			.59								
NGLEY AD HILL E CREEK	2.50 1.70 1.25		.51											•05	. 46 . 10			+42				.31								
OLA	2.19		T												•50	. 35			1.11			+ < 3								
TTLE ROCK WB AP R//	1.80		.16				T						Ť	Ť	• 04	•23 •19		. 77	. 68		+60	. 45								
ST CORNER WANN 2 SE RTON	1 • 13 1 • 86 1 • 86		.48	.18			. 14									.64		.70	.54			.46								
ADISON	2.63		4.0	.51											.14	• 15			1.30			.43		+1= +17						
AGNOLIA 3 N ALVERN	2.04		•27											+ 2 4	•02	.03 .46		. 6	.30			.35		. 13						
AMMOTH SPRING ARIANNA 2 S	1.59 2.41	.08	.03	. 5 5									T	.15	T	4.4		+61	. 4.2			.58	T	+17						

Table 3—Continued																														NOV	EMBER	1955
Station.	Total													Da	y of n	onth																
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARKED TREE MARSHALL MARVELL MELBOURNE MENA	1.73 .89 - 1.30 1.64	-	Ť	•05	-	-	-	-	-	-	_	-	-	-	- T	- т	1.09	-	T - T	.83 .70 - .75	-	~	-	.52 .19 .35	-	-	-	-	-	-	-	
MDNTICELLD 3 S MDRDBAY L AND 0 ND 8 MDRRILTDN MDUNT IDA MDUNT MAGAZINE	2.76 1.91 1.36 1.11 1.69		. 15	• 23 • 33			. 26	•13			•01					.61	.04 .08 .11 .31		.54	.71 .86 .65	т			.45 .35 .27 .18		.15						
MDUNTAIN HDME MOUNTAIN HOME C OF ENG MDUNTAIN VIEW 1 W MULBERRY 6 NNE NARROWS DAM	1.52 1.76 1.38 2.27 1.58		† 17	*15 *11 T *15			.09								.11	.13	.35 .56 .37 .82		• 50	.03 .56 .60 .45				.34 .49 .30 1.00		Т						
NASHVILLE PEACH SUBSTA NATHAN 4 WNW NEWHOPE 3 E NEWPDRT NIMRDD DAM	1.06 1.08 2.48 1.45		T . 44	.22 .07			۵02								.06	. 0 7	.04 .31 .64 .30	.25	•19	.35 .31 .90			1	.37 .30		•04						
ODELL DDEN DKAY OSCEDLA OWENSVILLE	.63 .70 1.42 2.21 1.04		† •03	•06 T •25				T					т	т	.03 .36	. 05 T	•15 •28 •15 •32 •50		•52	.27 .42 .07 .82				•12 •22 •82		.02						
DZARK QZDNE PARAGDULD PARIS PARKIN	1.35 2.71 3.50 1.73 2.88		.27 .32 .01	.27												1.50 .57 .02	•66		1.27	.45 .26				•95 •73 •82					i i			
PERRYVILLE PINE BLUFF PINE BLUFF CAA AP PINE RIDGE PDCAHONTAS 1	1.95 2.52 2.39 .74 1.51		.07	•31 •18			۰05							•	. 24 T	.02	• 26		1.16 T	1.52 .39 .50			•02	.65 .36 .42	•13	•07						
PORTLAND PRESCOTT RATCLIFF RISON RDGERS	2.70 1.40 .54 1.90 1.28		T T	•25 •18			.75	•53			Т			T	Т	T T	.15	•05	.05	.35 .85 .31 1.57	•12		т	.32 .17 .11 .33		. 45 T			,			
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM SEARCY	2.55 2.48 3.22 1.62		.47	*16 *28											Т	.88	.19 2.05 .34 .22		•60	.03 1.39 .62				.57 .59 .27 -	7	•15						
SHERIDAN TOWER SHIRLEY SILDAM SPRINGS SPARRMAN 4 E STAMPS	3.12 .79 2.09 1.69		•01	1.00 T			Т	T							. 38	• 14	•53 •48 •10 •28	Т	.98 1.00 T	.20 .91 .30 .79 1.20				.68 T .20		т	-	-	-	-	-	
STAR CITY 2 S STEVE STUTTGART STUTTGART 9 ESE SUBIACD	2.37 1.45 2.84 3.60 2.19			•12 •33 •45 •30												.20			• 59	1.52 1.27 1.51 .67				.86 .52 1.00		.08 .11 .09						
SUGAR GROVE TAYLDR TEXARKANA WB AP R// TURNPIKE WALDRDN	2.03 1.04 1.15 1.84 2.24		*31 T	•06			.05	•17							Т	T •10 1•30			.73 .52	.58 .50 T			•01 •16		Т						.12	
WALNUT GROVE WALNUT RIDGE CAA AP WARREN WASHITA WHITE ROCK	3.36 1.83 3.68	-	.10 .06 .04	- 07	-	-	. 89	_	-	-	T		-	-	_	1.50		-	•69 •72 1•59	.49 - .45	-	-	*33 T	.57 .01 .47	, T	+20	-	-	-	-	-	
WHITECLIFFS WILSON WYNNE YELLVILLE	1.57 2.46 2.97 1.19		. 35	.47									Ť		T	. 22 T	.41		•10 1•48	.45 1.02 .21 .82				.33 .70 .93)							

Table 5									עע	711	. 1	11	7 TAT	.r E	ILL	7.1	OI	١٤٠	,												NC I'N	1BER	
Station																-	of Mo	- 7				0.1	00	00	0.4	20	06	07	20	29	30	31	Average
ALUM FORK	MAX	70	2	59	64	5	6	7	59	59	69	74	80	13	83	83	74	17	18	19	62	67	71		55	59	56	27 68	63	45	40	0.1	65.4
ARKADELPHIA	MIN	77	82	32	29	37	37	31 69	32 57	29	28	41 76	71	67	62 79	62	34 75	26	34	34 60	33 61	34 68	50 75	73	30	30	27	29	20	21	20		36.6
ASHDOWN	M1N MAX	57 83	58	33	27 65	37 69	66	30	35 58	26	20	36 78	53	61	64	68	39 76	25 50	33	34 62	32 64	16	52 80	48 74	34 57	63	63	34 68	23	23	22		38.7
BALD KNOB	MIN	62 73	58 73	28	27	40 64	56 62	29	34	25	31	36 73	81	64	64	69	39 72	25	35	38	30 60	37 66	52 75	51 71	37 53	33	27	34 65	53	18	21		39.4
BATESVILLE LIVESTOCK	MIN	57	52 70	29	24	27	40	24	61	20	25	39	54	69	62	72	37	21	25	31	26	26	52	43	30	36	26	28	69	17	19		34.6
	MIN	40	56	23	20	23	36	22	23	18	21	27	81	59	52	52	3.3	16	20	29	25	30 67	42	32 72	20	26	21	36 58	12	12	11		29.4
BATESVILLE L AND D NO 1	MIN	60	51	30	23	32	42	22	24	21	26	4.7	6.2	67	58	55	34 76	19	26	32	27	33	54	43	23	30	22	33	20	20	15		35.0
BENTON	MAX	55	78 52	55 29	23	31	42	63	53	20	23	75 34	83 56	61	78 59	78	35	20	29	28	26	27	48	45	33	38	24	34	21	17	17		34.7
BENTONVILLE	MAX	60	63	52 22	26	72 40	32	22	22	21	27	71 49	47	61	73 43	58	58	16	33	33	31	34	56	31	23	24	20	20	14	13	11		31.4
BLYTHEVILLE	MAX	73 51	73 46	32	60 27	6 7 3 5	60 46	30	48 28	25	36	72 45	78 58	85 66	63	46	3 3	25	33	32	57 26	34	73	70 45	48	53 33	5 7 2 8	65 38	15	37 17	37		59.8 36.2
BOONEVILLE	MAX	83 64	76 49	55 27	71 22	76 37	57 45	63 23	54 25	58	71	78 48	86 54	63	85 55	69	71 28	16	33	62 35	70 30	75 35	51	74 41	29	58 30	24	31	39 19	17	38 16		65 · 2 35 · 1
BRINKLEY	MAX M1N	75 54	78 52	52 30	62 22	64 31		65 22	58 25	56	64 26	74 41	82 59	87 68	81 68	65	78 40	46 22	43 27	54 33	60 25	68	75 48	72 44		58 30	57 25	65 35	19	4 l 1 8	38 18		63.9
CAMDEN 1	XAM NIM	74 34	79 59	80 32	54 27	64 31	65	64 31	63 32	52 26	5 7 2 8	6 <i>1</i> 3 5	77 47	81 63	87 65	64	73 53	54 25	52 25	4 l 3 7	60 33	64 31	70 32	77 49	63	50 34	62 28	62 27	71 25	53 21	46 20		65.0 36.0
CAMP CHAFFEE	MAX	76 40	83 55	67 26	5 5 2 3	75 31		69	60 27	54 18	60 22	75 33	78 41	85 56	86 53	80 56	83 26	40 17	4 8 2 5	43 32	62 30	69 28	75 37	81 40	57	50 27	60 29	56 29	62 22	35 15	41 15		64 • 3 31 • 1
CLARKSVILLE	MAX	76 64	74 52	55 27	65 25	70 32	71 34	62	56 26	56 22	66	76 3 7	85 50	86 58	83 57	82	77 31	50 19	42 32	60 32	64 32	71 33	77 50	72 40	62 29	60 30	56 25	65 30	41 22	43 17	37 20		64.7 34.7
CONWAY	MAX	73 56	76 53	55	63	65 38	62	62	55 30	58 26	66 28	75 43	83	85 66	84	85	75 38	49	43 32	58 36	64 32	69 36	74 51	72 44	53 31	61	5 7 2 8	66 37	47 23	44	40 21		64.0 38.3
CORNING	MAX M1N	70	71 54	70 31	50	62 29	60	57	54	50 23	55	65 38	72 46	80	83 54	71	80 39	43	46	39 32	45	58 36	66	72 43	54	46	5 9 2 6	59 30	54 14	40	42		59+1 34+0
CROSSETT 7 S	MAX	79		56	66	61	61	64	58	58 27	63	76 42	82	87	87	8 1	81	52 28	48	60	68	69 29	79 54	75 57	57 41	59 42	60 28	69	63	44	48		66.5
CUMMINS FARM	MAX	75	79 59	65	61	63	65	62	52	58	63	76 39	83		87	80	78	47	44	53	59	68	75 50	72 51	53	59	62	69	60 21	39 18	42		64.5
DARDANELLE	мдх	82	73	54	66	72	63,	62	55	56	67	76	84	87	85	81	75 3.4	49	44	62	65	72	76 44	71	52	61	55 27	65	47	44	40		64.7
DE QUEEN	MAX	84		60	27	37 69	67	66	54	53	67	79	87	86	87	84	75	53	46	67	67	73	81	76 45	53	62	63	68	48	48	43		67.0
DES ARC	MIN	73	74	70	25	62	63	28	31 65	53	58	36	75	83	87	8.3	82	49	47	39	51 26	59	68	75 42	60	49	61	57	67	41	44		62.7
DEVILS KNOB	MIN	34 68		27	60	63	57	55	50	54	60	70	76	78	74	7	65	41	35	54	59	63	69	65	44	59	51	60	30	37	35 15		57.3
DUMAS 1	MIN	56		23	35 63	60	60	35	26 52	32 58	37	47	53 84	63	56 90	80	76	50	45	55	68	70	78	72	51	58	63	72	56	42	42		65 · 1 39 · 2
EL DORADO CAA AP	MIN	52 78		34	27	3 7 6 2	50	30	30 51	25	34	76	59 86	86	68 85	6 Q	75	50	43	62	67	32		75	49	61	60	70	43	44	46		64.7
EUREKA SPRINGS	MIN	57 76		30	27 67	37 72	45	35	30 50	27	35	73	62 81	68	70	70	74	28	43	3 5 5 8	70	70	55 75	70	38	56	60	34 58	26	31	39		39.5
FAYETTEVILLE	MIN	75	44	23	32	45 71	4 2 6 1	27	28	25	63	52 71	56 78		77	82		18	33	33	37	69	56 75	32 62	52	55	26 57	56	27	35	13		35.0
	MIN	61	3.8		26	47	40	25	25		29	51		8.1	7 A	62	42	17	32	32 56	32 65	69	75	33 50	28		57	60	27	35	17		34 · 7 59 · 0
FAYETTEVILLE CAA AP	MIN	4.9	29	21	22	37	25	20	19	18	25	52	60	50	49	4.2	16	14	34	31	2,8	45	46	32 72	52	53	19	56	27	34	40		29.8
FAYETTEVILLE EXP STA	MAX	61	47	20	30	43	4.2	20	19	21	27	49	57	62	44	61	17	15	30	30	32	71	75	30	45	27	57	62	29	36	36		32.9
FLIPPIN CAA AP	MAX		65			31	31	22	25	20	25	44	49	59	49	5.5	23	20	32	31	27	30	44	33	61	26	20	20	13	16	1.4		30 • 8
FORDYCE 6 W	MAX				31				63 32		40	44	60	69	69	6.5	45	24	32	36	34	. 41	26	52	35	36	34	47	23	19	2 3		42 • 1 62 • 5
FORT SMITH WB AP	XAM NIM				67 28	3.8	35	60 27	30	23	25	42	54	58	54	50	26	20	33	3.8	35	38	51		31	31	20	43	22	10	17		34.4
FT SMITH WATER PLANT	MAX			58 22			72 42	57 20	57 22	60 17			82 41	5.2	51	5 9	23	14	32	27	25	26	58	75 37	20	25	20	23	19	13	10		30.6
GILBERT	MAX		50	23	20	29	40	19	21	62 18	2.2	3.8	83 60	57	50	5.5	29	15	27	28	24	28	55	71 38	18	25	1.7	21	10	15	12		63.9
GRANNIS	XAM NIM		9 54	30	2.8	3.8	51	30	29	30	26	36	55	65	61	6.8	30	13	32	22	32	34	1	74 42	,,,	22		-	4 '				64 • 2 37 • 5
GRAVETTE	MAX			52	65 24	73 44	59	49	50 18	56 18	64 22	71 49	79 55	80 56	76 40	8 I 5 I	60	12	43 31	59 32	67 33	69 30	77 56	71 29	50	54	59 18	58 22	28 12	34	40		60.0
GREEN MOUNTAIN	MAX MIN																																
HARRISON	XAM NIM	7	5 69 9 41	51	20	29	41	21	26	1.0	66	43	23	25	22	20																	61.2
HELENA	MAX	7	6 78	60						55	62 38	73 43	79 60	85	85	61	78 45	46 29	44 35	53 37	58 30	65 36	73 52	70 55	55 35	56 41	5 9 3 4	64	63	39 21	39 25		63.6
HOPE 3 NE	MAX MIN	7															20			10	(2	6.6	72	78 46	62 34	52 38	63 28	62 30	69 21	52 20	49		65.8 37.4
	100	,	. 02		20																												

DAILY TEMPERATURES ARKAN5A5 NOVEMBER 1955 Table 5 - Continued Day Of Month Station 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 STUTTGART 9 ESE 86 83 80 52 46 40 53 66 69 51 25 27 33 TEXARKANA W8 AP 78 72 WALDRON WALNUT RIDGE CAA AP WARREN 62 79 70 77 38 40 32 67 35 WHITE ROCK 69 52 WILSON 86 73 39 42 67 73 68 40 26 33 32 33 36 50 79 60

Table 6

WYNNE

EVAPORATION AND WIND

85 82 81 75 46 38 51 58 67 75 68 67 67 34 20 27 35 27 38 54

56 63 73 79 22 34 43 61

																Day o	fmo	nth														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
													*							*				- 71	.07	-	-	- 241	_ 112	54		_ 2377
																											.08		39	- 16		2.748 948
EVAP WIND	.16	.12	.14 89	.09	.22	.08	.10	-04 47	.08	.08	.06	.16	.05	.06	.08	.31	.11	.13	.02	.07	.08	.11 63	.13	·15	.05	.13	.03	- 65	- 74	- 30		3.168 1415
																			- 17	-	- 22	- 18	- 66	- 12	- 4	-	- 7	- 56	- 61	- 24		- 895
									.04												.08					.07	.05	55	21	- 16		2.468 496
								.08	.07	.03	.13	.07	.01	.28	-02	.29	.05	.13	37	.03	.05	.09 85	.28 137	.12	.02 45	.05	.05	61	- 60	- 23		3.028 2039
	WIND EVAP WIND EVAP WIND EVAP WIND EVAP	WIND 120 EVAP .13 WIND 40 EVAP .16 WIND 65 EVAP .24 WIND 47 EVAP .08 WIND 11 EVAP .18	EVAP .17 .07 .07 .07 .07 .07 .07 .07 .07 .07 .0	EVAP .17 .07 .20 WIND 120 117 193 EVAP .13 .07 .17 WIND 40 40 71 EVAP .16 .12 .14 WIND 65 119 89 EVAP .24 .09 .07 WIND 47 44 60 EVAP .08 .21 .10 WIND 12 7 .23 EVAP .18 .11 .18	EVAP .17 .07 .20 .09 WIND 120 117 193 47 EVAP .13 .07 .17 .09 WIND 40 40 71 20 EVAP .16 .12 .14 .09 WIND 65 119 89 20 EVAP .24 .09 .07 .08 WIND 47 44 60 .22 EVAP .08 .21 .10 .08 WIND 127 23 4 EVAP .18 .11 .18 .06	EVAP .17 .07 .20 .09 * WIND 120 117 193 47 * EVAP .13 .07 .17 .09 .08 WIND 40 40 71 20 7 EVAP .16 .12 .14 .09 .29 19 EVAP .24 .09 .07 .08 .10 WIND 47 44 60 22 12 EVAP .08 .21 .10 .08 .05 WIND 127 .23 4 9 EVAP .18 .11 .18 .06 .08	EVAP .17 .07 .20 .09 * * WIND 120 117 193 47 * * EVAP .13 .07 .17 .09 .08 .09 WIND 40 40 71 20 7 14 EVAP .16 .12 .14 .09 .22 .08 WIND 65 119 89 29 19 35 EVAP .24 .09 .07 .08 .10 .08 WIND 47 44 60 22 12 8 EVAP .08 .21 .10 .08 .05 .08 WIND 12 7 23 4 9 9 EVAP .18 .11 .18 .06 .08 .09	EVAP .17 .07 .20 .09 * 3 .31 WIND 120 117 193 47 * 167 EVAP .18 .19 .19 .19 .19 .19 .19 .19 .19 .19 .19	EVAP .17 .07 .20 .09 * * .31 .14 WIND 120 117 193 47 * * 167 80 EVAP .13 .07 .17 .09 .08 .09 .16 .08 WIND 40 40 71 20 7 14 43 33 EVAP .16 .12 .14 .09 .22 .08 .10 .04 WIND 65 119 89 29 19 35 22 47 EVAP .24 .09 .07 .08 .10 .08 .13 .13 WIND 47 44 60 22 12 8 5 57 EVAP .08 .21 .10 .08 .05 .08 .15 .10 WIND 11 27 23 4 9 9 28 6 EVAP .18 .11 .18 .06 .08 .09 .07 .08	EVAP .17 .07 .20 .09 * .31 .14 .08 .09 .10 .17 .17 .17 .17 .19 .08 .09 .16 .08 .06 .08 .10 .16 .08 .06 .18 .19 .19 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10	EVAP .17 .07 .20 .09 * * .31 .14 .08 .05 .09 .10 .17 .07 .20 .09 * * .31 .14 .08 .05 .29 .25 .25 .25 .25 .25 .25 .25 .25 .25 .25	EVAP .17 .07 .20 .09 * * .31 .14 .08 .05 .10 wind 120 117 193 47 * * 167 80 29 25 33 EVAP .13 .07 .17 .09 .08 .09 .16 .08 .06 .08 .07 wind 40 40 71 20 7 14 43 33 10 4 12 EVAP .16 .12 .14 .09 .29 20 8 .10 .04 .08 .08 .06 wind 65 119 89 29 19 35 22 47 22 20 21 EVAP .08 .21 .10 .08 .10 .08 .13 .13 * * .26 wind 47 44 60 22 12 8 5 57 5 18 2 EVAP .08 .21 .10 .08 .05 .08 .15 .10 .04 .09 wind 11 27 23 4 9 9 28 6 3 4 27 EVAP .18 .11 .18 .06 .08 .09 .07 .08 .07 .03 .13	EVAP .17 .07 .20 .09 * 3.31 .14 .08 .05 .10 * 4 .00 .10 17 .00 .10 17 .00 .00 18 .00 .10 .00 .00 .00 .00 .00 .00 .00 .00	EVAP .17 .07 .20 .09 * * .31 .14 .08 .05 .10 * * WIND 120 117 193 47 * * 167 80 29 25 33 * * EVAP .13 .07 .17 .09 .08 .09 .16 .08 .06 .08 .07 .10 .12 WIND 40 40 71 20 7 14 43 33 10 4 12 58 39 EVAP .16 .12 .14 .09 .22 .08 .10 .04 .08 .08 .06 .16 .05 WIND 65 119 89 29 19 35 .22 47 22 20 21 65 46 EVAP .24 .09 .07 .08 .10 .08 .13 .13 * * .26 .12 .14 WIND 47 44 60 22 12 8 5 57 5 18 2 51 45 EVAP .08 .21 .10 .08 .05 .08 .15 .10 .04 .04 .09 .08 .10 WIND 11 27 23 4 9 9 28 6 3 4 27 8 14 EVAP .18 .11 .18 .06 .08 .09 .07 .08 .07 .03 .13 .07 .01 EVAP .18 .11 .18 .06 .08 .09 .07 .08 .07 .03 .13 .07 .01	EVAP .17 .07 .20 .09 * * .31 .14 .08 .05 .10 * * .40 wind 120 117 193 47 * * 167 80 29 25 33 * * 298 EVAP .13 .07 .17 .09 .08 .09 .16 .08 .06 .08 .07 .10 .12 .09 wind 40 40 71 20 7 14 43 33 10 4 12 58 39 28 EVAP .16 .12 .14 .09 .22 .08 .10 .04 .08 .08 .06 .16 .05 .06 wind 61 19 89 29 19 35 .22 47 22 20 21 65 46 .05 EVAP .18 .10 .08 .06 .08 .07 .10 .12 .09 wind 61 19 89 29 19 35 .22 47 22 20 21 65 46 .05 .06 wind 63 19 89 29 19 35 .22 47 22 20 21 65 46 .05 .06 wind 64 .08 .06 .12 .14 .15 wind 47 44 60 22 12 8 5 57 5 18 2 51 45 13 EVAP .08 .21 .10 .08 .05 .08 .15 .10 .04 .04 .09 .08 .10 .08 wind 12 72 33 4 9 9 28 6 3 4 27 8 14 16 EVAP .18 .11 .18 .06 .08 .09 .07 .08 .07 .03 .13 .07 .01 .28 EVAP .18 .11 .18 .06 .08 .09 .07 .08 .07 .03 .13 .07 .01 .28	TO THE PROPERTY OF THE PROPERY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY	TO BE STAPE TO BE	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 EVAP .17 .07 .20 .09 * * .31 .14 .08 .05 .10 * * .4018 * WIND 120 117 193 47 * * 167 80 29 25 33 * * 298 77 200 95 EVAP .13 .07 .17 .09 .08 .09 .16 .08 .06 .08 .07 .10 .12 .09 .13 .11 .09 WIND 40 40 71 20 7 14 43 33 10 4 12 58 39 28 47 79 34 EVAP .16 .12 .14 .09 .22 .08 .10 .04 .08 .08 .06 .16 .05 .06 .08 .31 .11 .11 WIND 65 119 89 29 19 35 22 47 22 20 21 65 46 32 70 132 48 EVAP .24 .09 .07 .08 .10 .08 .13 .13 * * .26 .12 .14 .15 .09 .02 - WIND 47 44 60 22 12 8 5 57 5 18 2 51 45 13 20 130 43 EVAP .08 .21 .10 .08 .05 .06 .15 .10 .04 .09 .08 .05 .10 .08 .31 .17 .04 WIND 127 23 4 9 9 28 6 3 4 27 8 14 16 11 60 6 .08 .13 .17 .04 EVAP .18 .11 .18 .06 .08 .09 .07 .08 .07 .03 .13 .07 .01 .28 .02 .29 .05	EVAP .17 .07 .20 .09 * * .31 .14 .08 .05 .10 * * .4018 * .20 \\ WIND 120 117 193 47 * * 167 80 29 25 33 * 298 77 200 95 49 \\ EVAP .13 .07 .17 .09 .08 .09 .16 .08 .06 .08 .07 .10 .12 .09 .13 .11 .09 .12 \\ WIND 40 40 71 20 7 14 43 33 10 4 12 58 39 28 47 79 34 51 \\ EVAP .16 .12 .14 .09 .22 .08 .10 .04 .08 .08 .06 .16 .05 .06 .08 .31 .11 .09 \\ WIND 65 119 89 29 19 35 .22 47 22 20 21 65 46 32 70 132 48 32 \\ EVAP .24 .09 .07 .08 .10 .08 .13 .13 * * .26 .12 .14 .15 .09 .02 \\ WIND 40 .40 .40 .40 .40 .40 .40 .40 .40 .40	TO SET THE PROPERTY OF THE PRO	TO BE	TO BE THE PROPERTY OF THE PROP	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 EVAP .17 .07 .20 .09 * * .31 .14 .08 .05 .10 * * .4018 * .20 * * .10 .09 WIND 120 117 193 47 * * 167 80 29 25 33 * * 298 77 200 95 49 * * 130 54 EVAP .13 .07 .17 .09 .08 .09 .16 .08 .06 .08 .07 .10 .12 .09 .13 .11 .09 .12 .00 .07 .05 .07 WIND 40 40 71 20 7 14 43 33 10 4 12 58 39 28 47 7 79 34 51 22 5 3 20 EVAP .16 .12 .14 .09 .22 .08 .10 .04 .08 .08 .06 .16 .08 .06 .08 .07 .11 .13 .02 .07 .08 .11 WIND 65 119 89 29 19 35 22 47 22 20 21 65 46 32 70 132 48 32 20 22 21 63 EVAP .24 .09 .07 .08 .10 .08 .13 .13 * * .26 .12 .14 .15 .09 .02 WIND 47 44 60 22 12 8 5 57 5 18 2 51 45 13 20 130 43 15 17 5 22 18 EVAP .08 .21 .10 .08 .05 .08 .05 .15 .10 .04 .09 .08 .10 .08 .13 .17 .04 .01 .05 .03 .08 .02 EVAP .08 .21 .10 .08 .05 .08 .15 .10 .04 .09 .08 .10 .08 .13 .17 .04 .01 .05 .03 .08 .02 EVAP .08 .21 .10 .08 .05 .08 .15 .10 .04 .09 .08 .10 .08 .13 .17 .04 .01 .05 .03 .08 .02 EVAP .08 .21 .10 .08 .05 .08 .15 .10 .04 .04 .09 .08 .10 .08 .13 .17 .04 .01 .05 .03 .05 .08 .02 EVAP .18 .11 .18 .06 .08 .09 .07 .08 .07 .03 .13 .07 .01 .28 .02 .29 .05 .1303 .05 .09 EVAP .18 .11 .18 .06 .08 .09 .07 .08 .07 .03 .13 .07 .01 .28 .02 .29 .05 .1303 .05 .09	TOTAL STATE	TOTAL STATE OF THE PROPERTY OF	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 EVAP .17 .07 .20 .09 * * .31 .14 .08 .05 .10 * * .4018 * .20 * * .10 .0907 WIND 120 117 193 47 * * 167 80 29 25 33 * * 298 77 200 95 49 * * 130 .54 135 71 50 EVAP .13 .07 .17 .09 .08 .09 .16 .08 .06 .08 .07 .10 .12 .09 .13 .11 .09 .12 .00 .07 .05 .07 .08 .15 .08 WIND 40 40 71 20 7 14 43 33 10 4 12 58 39 28 47 79 34 51 22 5 3 20 31 77 30 EVAP .16 .12 .14 .09 .22 .08 .10 .04 .08 .08 .06 .16 .05 .06 .08 .31 .11 .13 .02 .07 .07 .08 .11 .13 .15 .05 WIND 65 119 89 29 19 35 22 47 22 20 21 65 46 32 70 132 48 32 20 22 21 63 80 50 29 EVAP .24 .09 .07 .08 .10 .08 .13 .13 * * .26 .12 .14 .15 .09 .02 WIND 47 44 60 22 12 8 5 57 5 18 2 51 45 13 20 130 43 15 17 5 22 18 66 12 4 EVAP .08 .21 .10 .08 .05 .08 .15 .10 .04 .04 .09 .08 .10 .08 .15 .17 5 22 18 66 12 4 EVAP .08 .21 .10 .08 .05 .08 .15 .10 .04 .04 .09 .08 .10 .08 .13 .17 .00 .01 .05 .03 .08 .02 .15 .07 .06 EVAP .08 .21 .10 .08 .05 .08 .15 .10 .04 .04 .09 .08 .10 .08 .13 .17 .00 .01 .05 .03 .08 .02 .12 .07 .08 .10 .12 .23 14 EVAP .18 .11 .18 .06 .08 .09 .07 .08 .07 .03 .13 .07 .01 .28 .02 .29 .05 .1303 .05 .09 .28 .12 .02	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 EVAP .17 .07 .20 .09 * * .31 .14 .08 .05 .10 * * .4018 * .20 * * .10 .09070707 .07 .07 .07 .07 .07 .07 .07 .07 .07	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 EVAP .17 .07 .20 .09 * * .31 .14 .08 .05 .10 * * .4018 * .20 * * .10 .0907 WIND 120 117 193 47 * * 167 80 29 25 33 * * 298 77 200 95 49 * * 130 54 135 71 50 * * EVAP .13 .07 .17 .09 .08 .09 .16 .08 .06 .08 .07 .10 .12 .09 .13 .11 .09 .12 .00 .07 .05 .07 .08 .15 .08 .05 .08 WIND 40 40 77 20 7 14 43 33 10 4 12 58 39 28 47 79 34 51 22 5 3 20 31 77 30 8 8 .05 .08 WIND 65 119 89 29 19 35 22 47 22 20 21 65 46 32 70 132 48 32 20 22 21 63 80 50 29 23 25 EVAP .16 .12 .14 .09 .22 .08 .10 .04 .08 .08 .08 .06 .08 .06 .08 .07 .10 .11 .10 .10 .10 .10 .10 .10 .10 .10	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 24 25 26 27 28 24 25 26 27 28 24 25 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29 24 12 17 17 18 19 20 21 22 23 24 25 26 27 28 29 29 20 21 20 21 20 21 20 20 21 20 20 21 20 20 21 20 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 EVAP .17 .07 .20 .09 * * .31 .14 .08 .05 .10 * * .4018 * .20 * * .10 .0907	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 EVAP .17 .07 .20 .09 * * .31 .14 .08 .05 .10 * * .4018 * .20 * * .10 .0907

able 7

SNOWFALL AND SNOW ON GROUND

																			-													
																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
UMA5 1	5NOWFALL 5N ON GND		Т																													
L DORADO CAA AP	5NOWFALL 5N ON GND																														T	
AYETTEVILLE EXP 5TA	SNOWFALL 5N ON GND																Т															
ORT 5MITH W8 AP	5NOWFALL 5N ON GND																														0.8	
ITTLE ROCK WB AP	SNOWFALL SN ON GND																						Ť									
RESCOTT	SNOWFALL SN ON GND																			Т												
EXARKANA W8 AP	5NDWFALL 5N ON GND																														T	

	ó		++		de	п	Obs vati	on	Refer		C	No.	C 1	† ÷	6	de	по	Ob: vati	ion ne	Observe	Refer
Station	Index No.	County	Drainage	Latitude	Longitude	Elevation		Observer Observer	to tables		Station	Index N	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	to tables
Abbott Alicia Alum Fork Alum Fork Anity 3 NE	0006 S 0064 L 0130 S 0136 T 0150 C	nwrence aline ell	7 3 1 3 3 3	15 04 15 54 14 48 14 47 14 17	94 12 91 05 92 52 93 29 83 25	624 256 755 854		7A James V. Williams 7A Ruby H. Owens 5P L. R. Water Works 7A Gurn B. Swaim 7A Wrs. Alta F. Garner	3 3 2 3 5 3 3	ccc	Lurton Madison Magnolla 3 N Magnolla 5 N Malvern	4528 4548 4550	Newton St. Francis Columbia Columbia Bot Spring	5 4	35 46 35 00 33 19 33 20 34 23	93 05 90 43 93 14 93 13 92 49	2007 215 315 360 311	6P	7A 7A ⊯ID	Lola I. Dollar Lowen R. Jones Earl E. Graham Ark. Pwr & Lgt Co. Malvern Fire Dept.	3 3 2 3 5 7 2 3 5
Antoine Aplin 1 W Appleton Arkadelphia Arkansas City	0178 P 0188 P 0196 P 0220 C 0234 D	erry ope lark	1 3 1 3 3 3	14 58 15 25	93 25 93 00 92 53 93 03 91 12		6P	8A Drew A. Lamb Bobert Watts IID John A. Jones OF Riltman E. Lawrence 8A John W. Trammell	3 3 2 3 5 3	C C	Mammoth Spring Marianna 2 S Marked Tree Marsball Marvell	4638 4654 4666	Fulton Lee Poinsett Searcy Phillips	5 5 7	35 54	91 32 90 45 90 25 92 38 90 55	690 234 229 1050 195	6P	6P 7A	John B. McKee Univ. of Arkunsas William M. Crick Mrs. Minnie Borton Sterlin Wallace	2 3 5 7 2 3 5 7 2 3 5 7 2 3 5 7 2 3 5
Ashdown Athens Augusta Bald Knoh Batesville Livestock	0300 H 0326 W 0350 W	oodruff	4 3 7 3 7 3	33 40 34 19 35 17 15 18 35 49	94 08 93 58 91 22 91 34 91 47	329 960 218 230 571	7P 6P 9A	7P Southwestern G & E 7A Arra D. Parker 7A David G. Griffiths 6P Univ. of Arkansas 9A Univ. of Arkansas	2 3 5 3 3 2 3 5 2 3 5	C C	Maumee Melbourne Menn Monticello 3 S Montrose	4746 4756 4900	Searcy Izard Polk Drew Ashley	3 3	34 35	92 39 91 54 94 15 91 48 91 28	748 610 1207 285 125	6P 5P	7A 7A 5P	Verne N. Davenport Ivan L. Sbruder E. W. St. John Arkansas A & M Col. Ark. Pwr & Lgt Co.	3 2 3 5 7 2 3 5 7
Batesville L & D 1 Bear Creek Lake Beaty Lake Beaver Beebe	0460 I 0496 L 0512 5 0518 C 0530 W		7 3	15 05	91 38 90 42 90 43 93 46 91 53	277 220 400 930 250		7A James J. Mitchum 4ID U.S. Forest Service 5P L. G. Adamson 7A H. E. Skelton 4ID Lowell E. Perkins	2 3 5	c c	Morobay Lock & Dam Morrilton Mount 1da Mount Magazine Mountain Home	4938 4988 5010	Calhoun Conway Montgomery Lognn Baxter	3	33 18 35 07 34 33 35 10 36 20	92 45 93 38 93 41	85 280 663 2800 800		7A 7A 7P	Corps of Engineers Emma S. Leavell William E. Black U.S. Forest Service Charles Shiras	3 2 3 5 2 3 5 2 3 5 2 3 5 2 3 5 7
Beech Grove Beedeville Benton Bentonville Berryville 4 NW	0534 G 0536 J 0582 S 0586 B 0616 C	ackson aline enton	7 3 6 3 1 3	15 26 14 33 16 22	90 38 91 06 92 37 94 13 93 37	298 221 285 1295 1150	6P 6P	8A B. B. Bammond 8A P. M. Breckinridge 8A Mrs. Etta C. Burks 7A Earle L. Browne 7A David L. Stidham	3 3 2 3 5 2 3 5 3	С	Mountain Home C. of E. Mountain View 1 % Mountainburg 3 88W Mulherry 6 NNE Narrows Dam	5046 5056	Baxter 8tone Crawford Franklin Pike	7 1 1	35 34	92 23 92 08 94 12 94 01 93 43	800 768 730 500 425	8A 5P 8A	7A 5P 7A	Corps of Engineers Mildred E. Ward CLOSED Benry G. Arvin Corps of Engineers	2 3 5 6 3 11/10/54 3 2 3 5 6
Big Flat Big Fork Big Lake Outlet Black Rock Blakely Mountain Dam		olk ississippi mwrence	3 3 5 3 7 3	14 29 15 51 16 07	92 24 93 58 90 08 91 06 93 11	1100 238 259		7A .CLOS80	1/1/55 3 3 3 3 3	С	Nashville Peach Substa. Nashville SCS Nathan 4 WNW Newhope 3 E Newport	5114 5158 5174	Howard Boward Howard Pike Jackson	3 3	33 57 34 07 34 14	93 56 93 51 93 52 93 50 91 17	550 373 550 850 225	1	MID 7A 7A	Univ. of Arkansas Soil Cons. Service Edna J. Westfall Elsie F. Word Luther D. Summers J	2 3 5 3 2 3 5 7
Blue Mountain Dam Bluff City Blytheville Booneville Botkinburg	0830 L	evada ississippi	3 3 5 3 1 3	33 41 35 56 35 09	93 39 93 09 89 55 93 55 92 30	252 511	gp 7P	ID Corps of Engineers 7A Paul M. Adams 7A lvy W. Crawford 7A Cleo E. Yandell IID Thomas M. Pearson	3 2 3 5 7 2 3 5	CCC	Niarod Dam Norfork Dam Odell Oden Okay	5228 5354 5358	Perry Baxter Washington Montgomery Howard	7 1 3	35 48 34 38	93 10 92 15 94 24 93 48 93 53	470 425 1500 800 300		7A 7A	Carps of Engineers Corps of Engineers Mrs. Renzo Rurst Vera J. Gann J. T. Bargis	2 3 5 6 3 3 2 3 5
Boughton Bradford Brinkley Buffalo Tower Bull Shoals Dam	0848 N 0872 W 0936 M 1010 N 1020 B	bite onroe ewton	7 3 7 3 7 3	34 54 35 52	93 20 91 28 91 10 93 30 92 34	-	5P	7A Iris Elmore Wicker 7A Marshall Bickmon 5p Robert D. Schaefer 7A Beulah F. Fowler #ID Corps of Engineers	3 3 2 3 5 7	c c	Osceola Owensville Ozark Paragould Paris	5498 5508 5562	Mississippi Saline Franklin Green Logan	1 5	35 29 36 04	89 58 92 49 93 50 90 29 93 45	250 500 396 275	6P 4P	8A 6A 4P	Alwyn A. Cowan Guy Cnok Burns Wakefield Radin Station KDRS Fred J. Girard	3 3 2 3 5 7 2 3 5 2 3 5
Burdette Cahot 4 SW Calico Rock Camden 1 Camden 2	1102 P 1132 I 1152 O	ississippi ulaski zard uncbita unchita	7 3	16 08 13 36	89 57 92 04 92 08 92 49 92 51	116	7 A	6P G. A. Bale 5P B. M. Walther 7A Austin D. Barris 7A John W. Knight HID Edith Z. Lehman	3 3 3 7 2 3 5	С	Parkin Parthenon Perryville Pine Bluff Pine Bluff CAA AP	5602 5694 5754	Cross Newton Perry Jefferson Jefferson	1 1 1	34 12	90 35 93 15 92 49 92 00 91 56	222 925 325 215 205	5P 7P	MID 7A 7A	Corine D: Gardner Arthur B. Carlton rancis Finkheiner Mary T. Scheu U.S. Civil Aero Adm	3 2 3 5 2 3 5 2 3 5 2 3 5 7
Camp Chaffee Camaan Carlisle 1 SW Carpenter Dam Clarendon	1172 S 1188 S 1224 L 1238 G 1442 M	onoke arland	7 3 1 3 3 3	35 52 34 47 34 27	94 18 92 44 91 45 93 01 91 18	235	84	8A U. S. Army #ID Froney Dell Horton 8A John L. Tmit #ID Ark. Pwr & Sgt Co. 7A B. F. Nortbern	2 3 5 3	C	Pine Ridge Pocabontas 1 Portland Prescott Prescott SCS	5820 5866 5908	Montgomery Randolph Ashley Nevada Nevada	3 3	34 35 36 16 33 14 33 48 33 48	93 54 90 58 91 30 93 23 93 23	840 330 122 318	5P 7A 7A	7A 7A 7A	J. R. Huddleston Benedictine Sisters Mrs. Pearl Newton R. P. Hamby Soil Cons. Service	3 2 3 5 7 2 3 5 7 2 3 5 7
Clarksville Clinton Cold Springs Combs 3 SE Compton	1455 J 1492 V 1520 S 1574 M 1582 N	an Buren cott adison	7 3 3 3 7 3	15 35 14 58 15 48	93 28 92 28 93 54 93 48 93 18	510 1250 1400		6P Dr. Irving F. Beach 7A Earl B. Riddick 7A Margaret Zornes 4ID Maude C. Brashears 4ID william L. Binam	2 3 5 3 3	CC	Pyatt Ratcliff Ravana Remmel Dam Rison	6008 6016 6102	Marion Logan Miller Hot Spring Cleveland	1 4 3	36 16 35 18 33 04 34 26 33 57	92 51 93 53 94 02 92 54 92 11	800 463 250 - 231		7A FID	Ona V. McLean Lulu M. Weeks Bonny L. Allen Ark. Pwr & Lgt Co. J. H. Yaney	3
Conway Corning Cotter Cove Crossett 7 S	1596 F 1632 C 1640 B 1666 P 1730 A	axter	7 3 7 3 4 3	36 24 36 17 34 26	92 27 90 35 92 31 94 25 91 56	293 440 1050	5P 7A	5P G. Y. Short 7A Mrs. Laura Polk 7A Robert T. Fielding 7A Joe C. Allen 5P U.S. Forest Service	3	С	Rogers Russellville Saint Charles Saint Francis Searcy	6352 6376 6380	Benton Pope Arkansas Clay White	1 7 5	36 20 35 18 34 23 36 27 35 15	94 07 93 08 91 08 90 08 91 44	1387 360 200 300 245	5P 8A	5P 8A 7A	Howard Fowler U.S. Forest Service Fish & Wildlife Ser William S. Buckley Adam C. Melton	2 3 5 7 2 3 5 6 2 3 5 3 2 3 5 7
Crystal Valley Cummins Farm Daisy Damascus Danville	1750 P 1768 L 1814 P 1829 F 1834 Y	inculm ike nulkner	1 3 3 3 1 3	14 14 35 22	92 26 91 35 93 45 92 25 93 24	629 705	6P	7A Virda Byrd 6P Cummins Prison Farm 7A Ferna Jones Tedder 7A William A. Brown 7A J. A. Moudy	3 2 3 5 3 3 3 7	С	Sheridan Tower Shirley Siloam Springs Smithville Sparkman 4 B	6586 6624 6698	Grant Van Buren Benton Lawrence Dallas	7	4 27 5 38 6 11 36 05 3 55	92 21 92 17 94 33 91 18 92 48	290 600 1150 450 260	6P 7A	6P 7A 7A MID	Ark. Forestry Comm. Maud H. Bradford John Brown Univ. A. R. Richardson Mrs. Rachel Butler	2 3 5 7 3 2 3 5 3
Dardanelle De Queen 7 Denver 2 E Dermott Des Arc	1838 Y 1948 S 1956 B 1960 C 1968 P	evier cone hicot	4 3 7 3 2 3	34 02 36 23	93 09 94 21 93 18 91 26 91 30	420 1028 140	5P	7A Gretchen Goodier 7A O. Tucker Yasser 4ID Clarence E. Collins 8A L. W. Wilson 7A C. J. Rister	2 3 5 2 3 5 7 3 2 3 5	С	Stamps Star City 2 S Steve Stuttgart Stuttgart 9 ESE	6820 6856 6918	Lafayette Lincoln Yell Arkansas Arkansas	1 1	33 54 34 53 34 29	93 30 91 51 93 19 91 32 91 25	270 392 682 214 198	6P	7A 7A 7A	ubert Baker Ark. Forestry Comm I. P. Sims eorge L. Clark niv. of Arkansas	3 3 3 2 3 5 2 3 5 6
Devils Enob 1 Dumas 1 Dumas 2 Durham Sagle Gap	2148 D 2150 D	esha ashington	2 3 2 3 7 3	33 53 33 53 35 57	93 24 91 30 91 30 93 59 94 19	162 165 1243	7P	7A Earnest C. Campbell 7P Ben Johnson 4ID Ark. Pwr & Lgt Co. 4ID Goldie E. Brink 7A Maxine M. Booper	2 3 5 2 3 5 7	CC	Subiaco Sugar Grove Sugar Loaf Mountain Taylor Texarkana WB Airport	6928 6940 6944 7038	Logan Logan Cleburne Columbia Willer	7 4	35 04 35 29 33 06	93 39 93 48 91 58 83 27 94 00	300 247		7A 7A	New Subiaco Abbey O. R. Fennell GLOBBD ldella O. Norwood U.S. Weather Bureau	2 3 5 3 5/25/54 3 2 3 5 7
El Dorado CAA AP Eureka Springs Evening Shade Fayetteville Fayetteville CAA AP		arroll	7 3	36 24 36 05	92 48 93 44 91 37 94 10 94 10	1465	6P	MID U.S. Civil Aero Adm 6P Mabel F. Spray 7A Opha Wolfe 7P Charles F. Ford 4D U.S. Civil Aero Adm	2 3 5 7	С	Turspike Viols Waldros Walnut Grove Walnut Ridge CAA AP	7262 7450 7488 7524	Pope Fulton 8cott Independence Lawrence	1 7 1 7	35 40 36 24 34 54 35 51	93 05 91 59 94 06	2087 695 675 250	7 6P 2 5P	6P 77 5P 6P	U.S. Forest Service A CLOSED William D. Bivens A. H. Fast U.S. Civil Aero Adm	2 3 5 3/3 6/55 2 3 5 7
Payetteville Exp. Stn. Flippin CAA AP Fordyce 6 W Foreman Forester 4 WNW	2528 M 2540 D	allas ittle River	7 3 3 3 4 3	33 43	94 10 92 36 92 31 94 24 93 53	1270 700 280 400	5P WID	SP Univ. of Arkansas MID U.S. Civil Aero Adm SP John Yeager MID Leslie P. Callens 7A Mrs. L. L. Nelson	2 3 5 7	С	Warren Washita West Fork Wheeling White Rock	7592 7694 7744	Bradley Montgomery Wasbington Fulton Franklin	7 7	34 38 35 55 36 19	92 04 93 32 94 11 91 52 93 57	610 1340 680		MID MID	Warren Cotton Oil C Nora Lee Mayberry Effie D. Little Thomas W. Cone U.S. Forest Service	3
Forrest City Fort Smith WB Airport Fort Smith Water Plant Fountain Bill Fulton	2578 C 2598 A	ebastian rawford	5 3 1 3	35 01 35 20 35 39	90 47 94 22 94 09 91 50 93 48	261 458 793		MID Thomas A. Moore MID U.S. Weather Bureau 7A R. J. Schoeppe 6P Jethro R. Denson 8A lna J. Logan	2 3 5 7 2 3 5 3	c	Whitecliffs Wilson Winfrey Wing Wynne	7812 7912 7936 7950	Sevier Mississippi Crawford Yell Cross	4 2 1	33 48 35 34 35 44 34 57	94 04 90 02	296 237 1152 356	5P	7A 7A WID	L. M. Snead D. O. Anderson Clyde F. Meadors Miles B. Turner Wm. M. Courtney	3 2 3 5 2 3 5
Georgetown Gilbert Glenwood Grannis Gravelly	2760 W 2794 S 2842 P 2908 P 2922 Y	earcy ike olk	7 3 7 3 3 3 4 3	35 07 35 59 34 20 34 14	91 26 92 43 93 33 94 20 93 41	200 595 547 920	6P SS	7A Bessie E. Akers 7A C. Eli Jordan 7A Myrtle I. Price 7A W. E. McVay 7A Willie Pondergrass	3 2 3 5 7 3 2 3 5	С	Yellville		Marios		36 13	92 41	760			Wadge V, Doshler	3
Gravette Green Forest Green Mountain Greenbrier Greenwood	2930 B 2946 C 2852 S 2962 F	enton arroll	1 3 7 3 7 3 1 3	36 24 36 20 36 02 35 14	94 28 93 26 92 12 92 23 94 15	1250 1350 1100 360		SS Elson B. Schmidt 7A Obed B. Wilson 7A U.S. Forest Service 8A Thomas E. Castrell 7A Dorothy M. Been	2 3 5 7 3 2 3 5 3		† Beber Springs 3 NE Danville SCS Salem	1835	Clehurne Yell Fulton	1	35 32 35 04 36 23	93 24	370			Lester B. Lugan Soil Conservation S Jas. B. Caldwell	3
Gurdon Bamptou Bardy Harrison Beber Springs 3 SW	3132 S 3164 B	alhoun harp	3 3 3 7 3 7 3	33 54 33 32 36 19 36 14	93 09 92 28 91 29 93 07 92 03	210 202 362 1150	6P	7A Roy S. Rohhs 8A Soil Cnns. Service WID Theresa Donaldson 7A Bea Gray Beene WID Wayne Stark	3 3 2 3 5	c	Özöne	5514	Johnson	i	35 38	93 27	1900			Maurice R. Brandt	3
Bector Helena Benderson 2 W Bope 3 NE Bopper	3235 P 3242 P 3258 B 3428 B	ope hillips	1 3 2 3 7 3 4 3	35 28 34 32 36 22 33 43	92 58 90 35 92 16 93 33 93 41	555 200 580 375	6P	7A Dorotby B.Spilsbury 7A Charley M. Friddell 7P Emil W. Bentzien 7A Cecil M. Bittle 7A Lom A. Shields	3 2 3 5 3 2 3 5 6	С											
Boratio Bot Springs 1 NNE Buntsville Huttig Dam	3442 S 3466 G 3540 W 3556 U	evier arland adison	4 3 3 3 7 3 3 3	33 56 34 31 36 05 33 02	94 22 93 03 93 44 92 05 94 03	337 630 1453 60	5P	6A Elizabeth W. Friday 5P Natl Park Service MID May Pearl Markley 8A Corps of Engineers 8A W. E. McDowell	3 2 3 5 7	cc											
Jasper Jessieville Jonesboro Keo Kingeland	3600 N 3704 G 3734 C 3862 L	ewton arland raighead	7 3 3 3 7 3	36 01 34 42	93 11 93 04 90 42 92 00 92 16	857 730 345 230	6P 7P	7A Lottie B. Davis 7A Mrs. Velwa M. Dunn 7A Benedictine Sisters 7P R. A. Waller HID Claudie W. Bunter	3 3	, c											
Lake City Lamar 2 BW Langley Lend Bill Lee Creek Guard Sta.	3998 C 4019 J 4060 P 4106 B	raighead ohnson ike	5 3 1 3 3 3 7 3	35 49 35 26 34 19 36 24	90 26 93 25 93 51 92 54 94 19	230 550 796 710		7A Tressa Bt. Clair MID Peach Exp. Station 7A Mabel F. Forrester 7P F. W. Kellogg 7A U.S. Forest Service	3 2 3 5 3	С											
Leola #Little Rock WB Alrport Little Rock Filt. Pl. Lost Corner Louann 2 BE	4134 G 4248 P 4250 P 4324 P 4332 D	rant ulaski ulaski	3 3 1 3 1 3 7 3	34 10 34 44 34 46	92 35 92 14 92 19 92 50 92 46	261 257 512	MID	7A J. R. Rhodes MID U.B. Weather Bureau MID L. R. Water Works 7A Catherine Russell 6P Flora A. Bamilton	3	С	† Continuation	n of S	Sugar Loaf Mo	unta	in rec	ord.					
† DRAINAGE CODE: 1. AR	KANSAB	2. MISS1881P					ED 5	. SAINT FRANCIS 6. SAL	INB 7. WB1	тв											

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers with-

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

De'aved data and corrections will be carried only in the June and December issue of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in F., precipitating and evaporation in inches, and wind movement in miles, Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the supposek result in apparent inconsistencies in the record.

Additional information regarding the climate of Arkansas may be obtained by writing to any Weather Burcau Office or to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 Data based on observational day ending before noon.

 Adjusted to a full month.

 Data for recorded stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

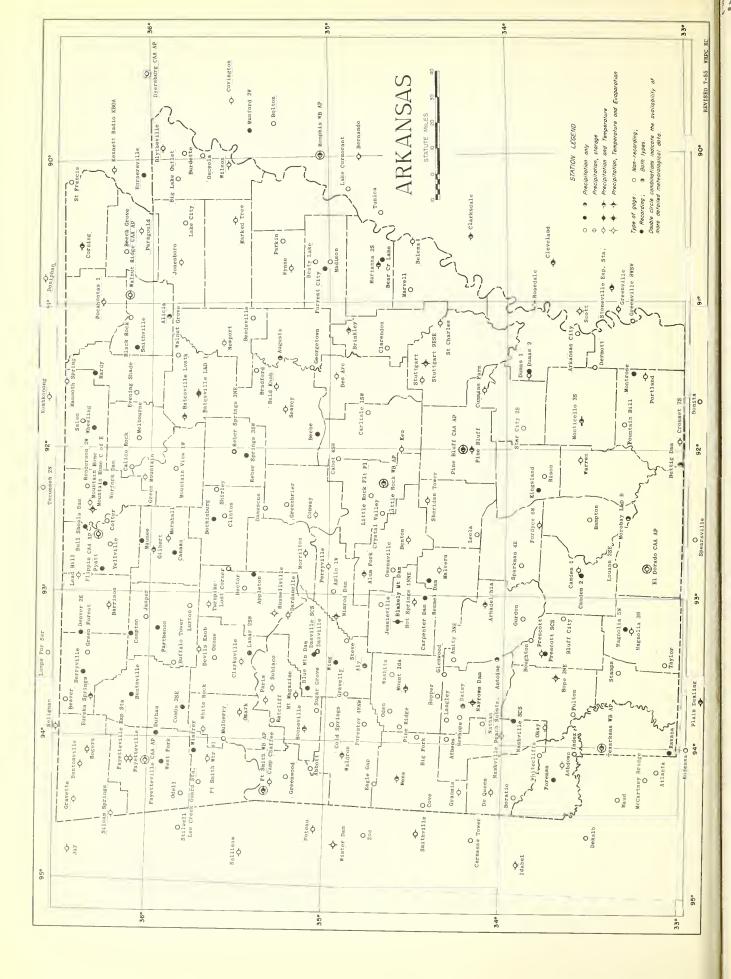
 Trace, an amount too small to measure.

 Includes total for previous month.

 This entry in time of observation column in Station Index means observation made near sunset.
- R

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NWRC, Asheville, N. C. -- 1-10-56 -- 1005



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CLIMATOLOGICAL DATA

ARKANSAS

DECEMBER 1955 Volume LX No. 12



ARKANSAS - DECEMBER 1955

WEATHER SUMMARY

December was quite cold and extremely dry. Temperatures averaged 41.1 degrees or 2.0 degrees below normal. Rainfall averaged 1.18 inches or 28% of normal. The only drier December of record was 1896 when the average precipitation for the month was 0.84 inch. The weather was favorable for outdoor work which consisted of the usual late fall activities.

A series of storms crossed Arkansas during December, producing some rather pronounced cyclic temperature characteristics. Each cycle included rising temperatures, a wind shift with the frontal passage, then plunging temperatures. December 1st was quite cold with daily mean temperatures near the freezing mark. By the 3d, temperatures were in the 70's before the first cold front passage. The 7th was seasonably mild but the second storm dropped the temperatures to below freezing by the 9th. Other fronts crossed the State on the 14th, 17th and 18th, 24th and 25th, and on the 29th. In general, below-normal temperatures prevailed except on the 3d, 7th, 18th, and 23d to 29th. The most severe weather followed the frontal passage on the 14th. Modified Arctic air poured into the State bringing the coldest temperatures of the month on the 15th and 16th. stations registered their lowest minimums on the 16th. Minimums on that date ranged from 3 degrees at Batesville Livestock to 17 degrees at Helena, Pine Bluff, and Stuttgart. Unusually high maximums were registered over the entire State on the day before Christmas. Maximums on that date were mostly in the middle 70's and lower 80's. The temperature at Lead Hill reached 84 degrees on the 24th. A cold front on Christmas Eve started another downward temperature trend and the frontal passage on the 29th dropped the temperatures to below nor-The last two days were rather cool. Monthly mean temperatures ranged from 36.0 degrees at Batesville Livestock to 47.8 degrees at Crossett 7S. Monthly mean temperatures were below normal at almost all stations. In general the greatest departures were in the northern part of the State.

Practically all the precipitation for the month occurred during the first three days. Totals were mostly less than 0.50 inch along the northern edge of the State and at a few stations in the west central section. Southeastern Arkansas received more than 2.00 inches and a few stations in the extreme southeast received more than 3.00 inches. The greatest total, 4.35 inches, fell at Crossett 7S. Precipitation was below normal over the entire State. Deficiencies ranged from slightly more than an inch in the extreme southeast to more than 4.00 inches at Warren and El Dorado. Many stations lacked at least 3.00 inches of receiving their December normal amounts. Snow flurries were rather widespread over the State although numerous stations received no snow. Measurable amounts fell at a few locations in the extreme east central and over several counties in the northwestern part of Arkansas. The greatest amount 3.0 inches, fell at Odell.

Very little rain occurred during December after the 3d and the soil moisture was badly depleted by the end of the month. Streams were low. There were a few grass fires. Winter grains and cover crops made slow progress. Farm work continued through most of the month except during the cold weather on the 15th and 16th. Outside work included butchering, caring for livestock, clearing, cutting wood, fencing, gathering corn, cutting stalks, plowing, disking, fertilizing, pulling cotton, pruning orchards, and harvesting pecans. The pecan harvest was near completion by the middle of the month. Livestock continued in good condition through most of the month. At the end of December, their condition was fair.

Lucius W. Dye

SUPPLEMENTAL DATA

	,																	M es	
	Wind	direction		Wind	speed p. h		Relat		nidity av	erages		Num	per of d	sys with	precip	itation			teet
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	Z:30% ST	613 A ST	2.5 2.5 1	100 08.	Trace	01-09	10-49	66 -09	1 00-1 99	2 00 ind over	[otal	Percent of possible unshine	Average iky cover innrise to sur
FORT SMITH W8 AIRPORT	ENE	30	7.1	31	N	14	12	79	54	64	3			1					
LITTLE ROCK W8 AIRPORT	NNE	12	8.5	25	SW	24											,		•
TEXARKANA W8 AIRPORT	-	-	-	-	_		~	- '	-										

Table 1

COMPARATIVE DATA

E'_EMBE

	. Т	emperatu	ure .	P	recipitatio	on		Т	emperatu	re	P	recipitatio	on		Т	smperatu	re	F	recipitation	
Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average	
1891 1892 1893 1894 1895	46.9 40.9 45.4 44.6 43.8	72 83 79 82 78	13 -10 3 -11 5	4.69 8.79 1.83 3.48 3.96	0.7 T 1.3,		1916 1917 1918 1919 1920	42.1 34.8 47.6 40.4 43.2	82 81 88 78 74	-16 -21 9 1 6	3.35 1.29 5.62 1.94 5.95	4.5 6.2 0.2 T		1941 1942 1943 1944 1945	44.7 42.7 40.7 38.0 37.7	80 80 82 76 79	14 16 -5 4 -12	3.67 4.87 3.43 7.86 2.25	0.3 0.6 0.7 0.4 2.1	
1896 1897 1898 1899 1900	45.8 40.3 39.5 41.0 44.9	81 81 76 74 82	8 10 -4 8 10	0.84 6.00 1.87 4.08 2.76	T 2.2 2.9 1.3 T		1921 1922 1923 1924 1925	47.1 47.8 49.1 41.4 40.2	82 86 80 86 81	11 12 9 -8 -6	2.78 4.59 6.24 3.65 1.71	T T 0.3		1946 1947 1948 1949 1950	48.3 44.2 44.3 44.9 38.6	81 78 83 85 81	4 10 8 9 - 8	4.18 4.22 4.03 4.77 1.25	0.6 0.2 T 0.1 1.3	
1901 1902 1903 1904 1905	38.5 40.8 39.7 42.9 38.5	87 75 74 80 69	-6 5 6 3 7	4.42 5.71 3.44 5.10 4.96	1.3 3.3 0.7 0.6 1.4		1926 1927 1928 1929 1930	43.3 40.9 43.4 44.4 40.6	79 84 87 82 83	-3 -2 10 -5 9	7.15 4.18 4.41 3.84 2.58	2.1 0.1 T 2.7 0.9		1951 1952 1953 1954 1955	43.9 42.7 41.1 43.1 41.1	84 80 72 75 84	- 1 12 0 8 3	3.76 3.66 3.15 4.75 1.18	T T T 0.5	
1906 1907 1908 1909 1910	46.5 44.4 48.0 35.3 40.8	83 85 82 82 75	10 11 11 1 9	5.64 2.70 1.50 5.26 3.57	0.2 0.7 0.2 3.2 0.8		1931 1932 1933 1934 1935	48.7 39.9 49.3 41.5 37.6	78 79 83 74 73	17 -5 11 4	7.79 7.86 5.41 3.78 2.95	T 3.6 0.1 0.2 2.8								
1911 1912 1913 1914 1915	43.0 41.7 43.6 36.1 43.9	78 76 77 70 78	3 8 14 -11 11	7.00 2.63 3.26 6.26 4.73	1.0 1.2 2.3 4.3 0.3		1936 1937 1938 1939 1940	45.5 42.2 44.6 45.5 46.7	78 78 74 84 77	13 0 6 5	5.32 4.61 2.93 2.46 3.90	T 0.1 T 1.4								

Beginning with 1955, averages have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

					Ten	npera	ture										P	recip	itation					
					la la					8,	N	o. of E	Days			Į a	p a		Snow,	Sleet, I	Tail	No	. of I	Days
Station		Аvеладе Махітит	Average Minimum	Average	Departure From Norm	Highest	Date	Lowest	Date	Degree Days	Mo or Above	5 8 5	Min.	Total	Departure	Z	Greatest Do	Date	Total	Max. Depth on Ground	Date	.16 or More	.50 or More	1.00 or More
HIGHLANO OIVISION																								
ALUM FORK ASHOOWN SENTON SENTONVILLE SOONEVILLE		53.8M 57.1 53.0 48.4M 54.5	30.3M 33.2 28.2 25.1M 29.7	42.1	- 1.7 - 1.4 - 2.0	82 80 75 83	24 24 24	10 8 10 11	16 16	728 611 749 870 701	0000	0 1 0 2 1 2 0 1	1 0 5 0 9 0	1.5 2.1 0.3 0.5	7 3 -	2.07	0.00 1.57 0.95 0.37 0.38		0 • 0 0 • 0 T 0 • 5 T.	0 0 0	1	1 4 1 2	1 0 0	0 0 0 0
CAMP CHAFFEE CLARKSVILLE CONWAY DAROANELLE DE GUEEN	АМ	51.0M 54.0 53.0 54.1 56.2M	24.5M 29.4 31.2 30.4 29.9M	41.7 42.1 42.3	- 0.9 - 0.5 - 2.1	79 80	25+ 24 24 24 24	11 13 15	16 16 16 16	839 712 700 702 675	000	0 2 0 2 0 1 0 2	1 0	0.3	2 7 – 3 –	2.94 2.61 2.61	0.73 0.32 0.77 0.74 1.28	1 1 2	0 · 5 0 · 0 0 · 0 T	0 0 0	1	2 2	0 2 1 1	0 0 0 1

Section 1.					Ten	pera	ture									P	recip	itation					
					nai				ys	L	No. o	Day	s		ıal	Day		Snow,	Sleet, I	Hail	No	of Da	у£
Station		Average Maximum	Average Minimum	age	Departure From Normal	est		sst	ee Days	H	Max.	Mi	\dashv	m	Departure From Normal	test D			Max. Depth on Ground		More	More	re
		Average Maximu	Aver	Average	Depa From	Highes	Date	Lowe	Degree	90.06	Above 32° or Below	32° or Below	O° or Below	Total	Depai From	Greatest	Date	Total	Max. on G	Date	.10 or	.50 or	or More
OEVILS KNOB EUREKA SPRINGS FAVETIEVILLE FAYETTEVILLE CAA AP FAVETIEVILLE EXP STA FLIPPIN CAA AP FORT SMITH WB AP FT SMITH WATER PLANT GILBERT GRAVETTE	R /'/	47.1 51.2 49.6 49.7 51.2 49.1 51.1 53.3M 54.3 53.9 49.6	28.4 28.0 28.8 24.3 25.8 24.9 28.8 25.5 23.9 31.7M 24.5	37.8 39.6 39.2 37.0 38.5 37.0 40.0 39.4 40.0 39.1 42.8 M 37.1	- 0.5 - 1.6 - 2.5 - 1.7 - 1.4	72 80 75 77 75 79 80 77 82 77	24 24 24 24 24 24 24 24 24 24 24 24	11 1 10 1 10 1 6 1 6 1 8 1 10 1 6 1 5 1 11 1 4 1	6 781 6 79: 6 86 86 81: 86 86 76: 78: 6 79: 6 68:	3113554	0 3 0 0 0 1 0 1 0 0 0 1 0 2 0 0 0 0 0 0 1 0 1	22 21 23 24 26 26 21 25 26	0 0 0 0 0 0 0 0 0 0	0.52 0.37 0.50 0.26 0.54 0.37 0.66 0.68 0.19 1.15 0.42	- 2.61 - 2.24 - 2.48 - 3.13 - 3.83 - 1.96	0.30 0.37 0.48 0.26 0.51 0.25 0.62 0.68 0.10 0.94	1 1 1 1 1 1	1.0 T 0.4 T 0.2 T 0.6 T	1 T O T T T T T T O	1+ 1 11 10 1+ 1	2 1 1 1 1 1 1 1 1 1 2 1	0 0 0 0 1 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0	00000000000
GREEN MOUNTAIN HARRISON HOPE 3 NE HOT SPRINGS 1 NNE LEAD HILL LITTLE ROCK WB AP MALVERN MAMMOTH SPRING MARSHALL MENA MORRILTON MOUNT IDA MOUNT IDA MOUNTAIN HOME MOUNTAIN HOME MOUNTAIN HOME COF ENG NARROWS OAM NASHVILLE PEACH SUBSTA NIMROO OAM OXAY OZARK PARIS PERRYVILLE ROGERS RUSSELLVILLE SHERIDAN TOWER SUBJACO TEXARKANA WB AP TURNPIKE WANTER TURNPIKE WHITE ROCK	AM R // AM AM AM AM AM AM AM AM	50.5 55.0 50.8 51.9 52.9 51.6 45.9 48.5 53.3 51.9 48.5 53.3 51.9 48.5 53.3 45.9 48.5 53.3 7 48.5 53.3 51.9 50.8 50.	22.9 29.9M 34.4 23.0 33.9 25.3M 32.1 51.0 25.2M 28.7 51.0 25.2M 28.7 52.2 30.3 32.5 24.0 24.0 24.0 25.2 30.3 40.2 30.3 40.2 40.2 40.2 40.2 40.2 40.2 40.2 40.2	36.7 42.5M 44.2 36.9 42.0 43.0 42.0 42.0 42.0 42.0 42.0 42.0 42.0 42	- 1.9 - 4.3 - 0.2 - 2.5 - 1.4 - 1.0 - 0.8 - 1.6 - 1.2 - 0.7 - 1.2 - 0.4 - 0.4 - 0.4 - 0.4 - 2.3	82 83 79 84 80 81 78 79 72 76 79 81 80 83 81 78 77 78 78		10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 6 6996 6 6466 6 6666 6 6777 6 6 7706 6 7006 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8	22 22 55 33 66 66 66 66 66 66 67 77	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 18 14 28 14 20 23 19 20 26 21 23 27 19 18 23 27 19 23 27 19 23 27 19 25 25 18 25 25 27 27 27 27 27 27 27 27 27 27 27 27 27	000000000000000000000000000000000000000	0.28 1.81 1.12 1 1.93 1.60 0.55 0.19 0.94 0.78 0.83 0.47 0.30 1.32 1.46 1.70 0.65 0.65 0.40 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.6	- 2.21 - 2.83 - 3.51 - 3.00 - 2.15 - 2.72 - 3.54 - 3.50 - 3.37 - 3.45 - 2.82 - 3.33 - 2.04 - 2.69 - 2.88 - 3.99 -	0.21 1.000 0.855 T 0.955 1.08 0.300 0.199 0.621 0.511 0.900 1.12 0.622 0.400 0.632 0.632 0.632 0.555 0.332 0.633 0.555	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.0 0.0 T 0.0 T 0.0 T 0.0 T 0.0 T 0.0 T 0.0 T 0.0 T 0.0 T 0.0 T 0.0 T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	133300222112221111222111111111111111111	0 2 2 2 0 0 0 1 1 1 0 0 0 1 1 1 1 1 0 0 1 1 1 1 1 1 0 0 1	010000100000000000000000000000000000000
OIVISION				40.2	- 2.1									0.77	- 2.99			0 • 2			i		
DUMAS 1 EL OORAOO CAA AP FOROYTE 6 W HELENA JONESBORO KEO MACNOLIA 3 N MAPIANNA 2 5 MARKED TREE MONTICELLO 3 S NEWPORT PARAGOULD PINE BLUFF PINE BLUFF PINE BLUFF POCAHONTAS 1 PORTLAND PRESCOTT	AM AM AM AM AM	55.1 51.9 50.1 52.3 50.4 53.1 47.6M 59.3 64.2 51.5 55.5 55.6 55.6 55.6 55.7 57.0	32.3 28.6 21.9 26.5 28.5 29.0M 36.57M 36.5 34.9 26.8M 33.9 34.4 35.6 31.4 35.6 31.4 35.6 31.4 35.6 31.4 35.6 31.4 35.6 31.4 35.6 31.4 35.6 31.4 35.6 31.4 35.6 31.4 35.6 31.4 35.6 31.4 35.6 31.6 36.6 36.6 36.6 36.6 36.6 36.6 36	43.7 40.3 36.0 39.6 41.1M 47.8 43.5 44.6 39.6 44.6 40.2 47.3 40.2 47.3 40.4 40.6 40.4 40.6	- 0.8 - 2.4 - 2.7 - 2.0 - 3.2 - 1.6 - 1.5 - 0.0 - 1.1 - 0.3 - 1.6 - 0.5 - 1.6 - 1.4 - 5.8 - 1.6 - 1.4 - 5.8 - 1.6 - 1.7	79 75 76 74 78 81 81 79 82 80 87 84 80 87 87 76 76 76 76 76 81 81 77 81 81 77 81 81 77 81 81 81 81 81 81 81 81 81 81 81 81 81	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	13 14 16 11 11 11 11 11 11 11 11 11 11 11 11	766 6 783 766 6 783 766 6 783 766 6 783 783 783 783 783 783 783 783 783 783	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 14 21	000000000000000000000000000000000000000	1.80° 1.21° 0.44° 0.65° 1.49° 0.65° 1.93° 0.60° 4.35° 0.74° 1.22° 2.37° 1.68° 1.70° 2.01° 1.50° 1.79° 2.51° 1.24° 0.78° 2.23° 2.70° 0.47° 2.80° 2.38° 1.15° 1.48° 2.05° 0.79° 1.51° 1.23° 1.34°	- 3.24 - 3.31 - 2.82 - 4.46 - 3.05 - 3.09 - 1.14 - 3.67 - 4.55 - 2.61 - 3.40 - 3.31 - 2.75 - 2.86 - 3.60 - 3.33 - 2.99 - 2.63 - 3.33 - 2.99 - 2.63 - 3.54 - 3.54 - 3.55 - 3.61 - 3.55	0 · 75 0 · 61 0 · 24 0 · 44 0 · 75 1 · 15 0 · 64 1 · 15 0 · 64 1 · 43 1 · 67 0 · 63 1 · 60 1	3 3 3 2 1 1 1 1 1 8 4 1 1 1 2 2 3 2 1 1 1 8 2 2 3 2 1 1 1 8 2 2 3 2 1 1 8 2 2 3 2 1 1 8 2 2 3 2 1 1 8 2 2 3 2 1 1 8 2 2 3 2 1 1 8 2 2 3 2 1 1 8 2 2 3 2 1 1 8 2 2 3 2 1 1 8 2 2 3 2 1 1 8 2 2 3 3 2 1 1 8 2 2 3 3 2 1 1 8 3 2 2 1 1 8 3 2 2 1 1 8 3 2 2 1 1 8 3 2 2 1 1 8 3 2 2 1 1 8 3 2 2 1 1 8 3 2 2 1 1 8 3 2 2 1 1 8 3 2 3 2 1 1 8 3 2 1 1 8 3 2 1 1 1 8 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.0 0.0 1 0.0 1 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000	1	42222132323333333443345313443452114	20002111002011222000223000223011220111200111	0000001020001110001100011000001100
DIVISION STATE				42.1	- 1.9 - 2.0									1.62	- 3.23 - 3.11			0.1					

DAILY PRECIPITATION

Table 3

LEMBER 191

Station	Total	-, -	0	-	-	-		6	7	0	0	10	11	10	1.	y of m		16	17	10	10	20	91	99	99	24	95	26	27	20	20	30	21
	-	1	2	3	-	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BBOTT LICIA LUM FORK	. 43 .80			6 • 2	25	.06																										.00	
MITY 3 NE	1.21	•40	.32) T	12																		т	Ť									
NTOINE PLIN 1 W	1.77	.78	. 54			.35	.15													e 3 3										7			
RKAOELPHIA RKANSAS CITY SHOOWN	1.80 4.07 1.57	+10	1:15	5 .C	02 Z	.57	*17										7			.18	•02	• O 1		T	.c.l	T						т	
THENS UGUSTA	1.13 I.63	T	.72	0 .1	13 .	.65				т							.31			.12	Т			I								T T	
ALO KNOB ATESVILLE LIVESTOCK ATESVILLE L ANO D NO 1	1.21 .44 .65	+ 1.2	. 24	4					,		T					+0.5	+ 0 2 + 0 4			Т												.07	
ATY LAKE	1.28	.65	.16	6 .:						Т	т					Ť	-		T	.16												•10 •02	
AVER ECH GROVE EDEVILLE	. 34 . 67	+21	. 23	3	- 1						.02																					*02	
ENTON	2.13				35	.34					Т						T			T													
RRYVILLE 4 NW IG FORK IG LAKE OUTLET	.91	.60	+ 20	-		. 11	-	-	-	.01	-	-	-	-	-	т	•03	-	~	.07	-	-										.11	
ACK ROCK	. 49	T	. 4(0	- 1	.05					.04						T															2 1 1	
AKELY MOUNTAIN DAM UFF CITY YTHEVILLE	1.10 1.63 1.49	.90	. 5	3 •0	05	.18 .14 .75	T				.05						.02			.04	T											. 5	
DONEVILLE	1.55	.38	• 1	2		. 23							Ť																				
MADFORO	1.48	.65	* 4'		0.7	.75											» () ÷																
FFALO TOWER RDETTE BOT 4 SW	2.09	+65	*1	7 .	06								T		. 05				+11													.20	
LICO ROCK	.39	.08		5		. 40					.03	3						Т														. ,	
MOEN I MP CHAFFEE IRLISLE 1 SW	. 73	• 73 • 95											T																				
ARENDON ARKSVILLE	1.24	•17	. 7	7 .	0.3	.17											T			• 1													
LINTON DLO SPRINGS	.67	.50	. 6	5 T												0.7																	
DNW A Y DRN I NG	1.37				44	.16						ľ				• 0 2																	
OTTER OVE	. 94		. 9	4	24						.01	·					T		.02	2 +20												1	
ROSSETT 7 S RYSTAL VALLEY JMMINS FARM	1.61	1.80	. 9 T	9 .	62															.31													
AISY .	1.20	.77	. 3	8 .	05												.12							Т		.0:							
ANVILLE AROANELLE	. 76	• 42 • 17	.7	9	02	.05																											
E QUEEN ERMOTT	3.97	. 20	. 9	8	2	.51														.28													
ES ARC EVILS KNOB UMAS 1	1.22	+09	. 6	0	35	.10										.05	•02		.) 5	5 .11					.03	1 3 •C.						·uzi	
AGLE GAP	+ 59	T	• 2	7 .	32															.12							Ţ					· 0.2	
L OORAOO CAA AP UREKA SPRINGS VENING SHAOE	• 3	.08	. 2		32	T				T						Ţ								Ť	Т							Ť	
AYETTEVILLE CAA AP	• 50	0 48		T						T			• O I			T							Т								*D1		
AYETTEVILLE EXP STA	.54	7 .25			.04					T . 0 1	1		T							2.6											+13 +14	a3	
OROYCE 6 W ORESTER 4 WNH ORT SMITH WB AP R/A	+ 45		. 2	7	60							.04	т							. 25												1	
T SMITH WATER PLANT	.61	1											Т	T	١.			١.		_			_	١.	_				_		_	-	
QUNTAIN HILL ULTON EORGETOWN	1.75	5 1.14 5 T	5	8 .	03	1.92	-	-		_							т			.03					т		*				T	T	
ILBERT	1.0	• 10	. 0	2 +						T							• 0 2																
LENWOOO RANNIS RAVELLY	1.1	038	1	16 .	.05	.07																									T	1	
RAVETTE REEN FOREST	* 4:	2 .42		Т							Ţ	T																				Ť	
REEN MOUNTAIN	=	-	_	-		-	-	-	-	-	-	1	-	-	-	-	Ē	-	-	-	1	-	-	-	-	-			-	-	-	-	-
REENWOOD GUROON HAMPTON	1.9	6 1.03	6	63 .		.09 .21																									т	T	
ARRISON EBER SPRINGS 3 NE	• Z					.02				• 0	2						.01															+65 T	
HECTOR HELENA	1.6	3 T	. 4	68 • •7	25	.60														.61													. 0
TENOERSON 2 W	1 · B	1 1.00		57 .	.05	.19																											
HOPPER HORATIO HOT SPRINGS I NNE	1.2	3 .63 7 .93 2 .85	3 .3	25 • 30	.05	.04																											
SUTTIG OAM	2 . 7	2 • 3	7 1.2	2 3		.88														024											. U.		
NOEX JASPER JESSIEVILLE	1.0	5 .95 4 .13 8 .35	5 .4	02 42 -	.10	.16											1.04															1 1 7	
IONESBORO	1.0	7 .35	5		.05	.36					• 0	5				.05	T		.0							.0	1						
AKE CITY	1 • 2	2 .6	5 . !	40 50	. 15	.58 .12					.0	3								.0	7											- 1 4	
EAD HILL EE CREEK EOLA	7 + 7 1 + 5	3 .5	5	78		.04			1		• 1	8								.0	3			Т							•		
ITTLE ROCK W8 AP R/	/ 1.9	3 .9	5 .0	04	.91											.0:	3		T		1					.0					T	T	
ITTLE ROCK FILTER PL OST CORNER OUANN Z SE	1.5	8 1.7		75	• 12													.0	6					. 0	8								
URTON	1.1	2 • 1	5		.30	.17											T			.1	2											т	
MAGISON MAGNOLIA 3 N	2.0	I 1.0	5 • 1 8			.26														• 0	1		T	т	т							. 30 T	
ALVERN MAMMOTH SPRING	. 5			25															T	+ 3	7 T												

DECEMBER 1

Idbie 3-Continued	7	T						_						Da	y of m	onth	-										-				-
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MARKED TREE MARSHALL MARVELL 'MELBOURNE MENA	1.79	-	.55 .19 .39	-	•90 - •08	-	-	-	Ţ	T _	-	-	-	-	Ţ T	T -	-	-	•02	-	-	- T	т	~ T	-	-	-	-	-	- T	+20 - T
MONTICELLO 3 S MOROBAY L AND D NO 8 MORRILTON MOUNT IDA MOUNT MAGAZINE	2 · 5 1 2 · 5 4 · 78 · 83 · 43	•40 •25	1.05 .51 .31	•09 T	•51 •68 T										T	•02		+02	•09 •30		T			Т							*02 T
MOUNTAIN HOME MOUNTAIN HOME C OF ENG MOUNTAIN V1EW 1 W MULBERRY 6 NNE NARROWS DAM	• 17 • 30 • 42 • 80 1 • 32	•11 •07 •80	•09 •23	.03	T •12				T	.04																					•06
NASHVILLE PEACH SUBSTA NATHAN 4 WNW NEWHOPE 3 E NEWPORT NIMROD DAM	• 73		.46	Т	•09 •34 •06											T •04			T											.08	•08
ODELL ODEN OKAY OSCEOLA OWENSVILLE	1.00 1.00 1.70 1.16 1.83	1.58 T	.47 .06	.06	•10 •50 •77		т					010	Т		т	T •01			•04 T	т	т										·08
OZARK OZONE PARAGOULD PARIS PARKIN	.58 .53 .78 .63	• 25 • 26 • 63	.28	•27 T	•09			•03		. 03	т	T		т		•02			•10 •18								T	т			•01 T
PERRYVILLE PINE BLUFF PINE BLUFF CAA AP PINE RIGGE POCAHONTAS 1	2 • 2 3 2 • 7 0 1 • 1 2 • 4 7	.32 1.30	1.03	•10 •72	•27 •22 •02					.05		Т			•03 T	Т		•57	•51 •09							т					T T
PORTLAND PRESCOTT RATCLIFF RISON ROGERS	2 · 80 2 · 0 3 • 5 6 2 · 4 6 • 40	1.06 .56	1.09		.70 .19 T				Ţ						T				•10	Т							Т			T	Т
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM SEARCY	066 2038 041	*16	•77 •21	_	•65 •09 -	-	-	_	-	•05	-	~	-	-	T -	T - •07	-	-	•78 •06	_	_	-	-	-	-	-	T -	_	_	-	•02
SHERIDAN TOWER SHIRLEY SILOAM SPRINGS SPARKMAN 4 E STAMPS	- .38 .39 1.69	.38	1.10		.34	-	-	-	-	-	_	T	т	-	-	-	-	~	*10	~											Т
STAR CITY 2 5 STEVE STUTIGART STUTIGART 9 ESE SUBIACO	2 · 2 5 · 0 0 1 · 4 8 2 · 0 5 · 5 5	.20	.98 .04 .86	.95	•56 •12 •33						T								•25 •17 •50					т	Т	Т	•02				•04
SUGAR GROVE TAYLOR TEXARKANA WB AP R// TURNPIKE WALDRON	0 40 2 0 0 0 1 0 75 0 72 0 32	.78 1.71 .53	•76 •02	•02 •19 T	T •46						т				Т											Т				T T	Т
WALNUT GROVE WALNUT RIDGE CAA AP WARREN WASHITA WHITE ROCK	.79 .79 1.51 .90	1.41	.04 .90	.28 .18 .06 T	т				T • 0 2			Т			•02	T ,		•02 T T	Т	т			Т							•02	•11 •07
WHITECLIFFS WILSON WYNNE YELLVILLE	1.59 1.23 1.34	.60		.09 1.23 .44														•15													•15

Table 5			_						D.	A1.	LΥ	1.	Ľ M	IPE			UK													_	1 1 1 M	E L	, 91 a
Station		,	2	3	4	5	6	7	8	9	10	11	12 T	13	14	15 I	Of Mo	-	- 1	tu. T	20	21	44	y0. T	24	25 2	6 2		28 T 2	9 Ta	30 3		verag
ALUM FORK	мах	36	47	74	71	50	-+	61	57	3		4U 21	46		24	91	16	4	57	19	10	4,	41	-	17	- 4		40	67	61	- 7	54	53.6
ARKADELPHIA	MIN	41	31 57	43	7.3	5 3	54	53	35	43	43	43	43	53	s 1	4.5	+1	21			41	4.			1.		46	5	ii» 6	50 64 FI	61	51	,5 . 1
ASHDOWN	MIN	31	54	76	35	55	12	55	54	48	3	52	19		24	+0	4				41	44		10-		48	6.3			6	6	5 3	57.1
BALD KNOB	MIN	32	35 55	73	28	52	52	01	51	30	37	30	42			37		40	49	19.49	35	41	, ,	1	110	72		52	0.0	63	62	51	51.9
	MIN	37	33	39 60	76	54	46	51	64	41	39	36	37	18	51	39		10	36 54	45	4	41	4 .		12	76	6	16	55	65	61	61	50+1
BATESVILLE L AND U NO 1	MIN	12	25	37	30 75	51	16	16	28	19	17	31				17		50	23	44	11	41	4 '	L	76		15	5	65	52	59	54	52.3
	MIN	23	33	3 B	29	23	19	33 62	26	23	25	20	20	18	24	23	7 1	19	27	23	38	19	1 /		00	69	16	5.	6 '	61		18	53.0
BENTON	MIN	29	32	38	29	26	26	26	28	19	21/		17	16	27	7	3.7	16		2 to	21	1 A	5.		47	17	54		10	46	34	5	28.2
BENTONVILLE	MIN	35	33	44	20	26	16	26	25	11	25	25	14	51	5 y	13	10	21	15	19		40	45		41	67	36	25	31 62	51	1 y	501	25 • 1
8LYTHEVILLE	MIN	24	33	50	35	28	24	37	31	22	22	19				21	1	13	37	21	17	47	50		46	42	31		35	62	29	24	28.5
BOONEVILLE	MIN	39	63 34	42	27	2.8	24	36	32	17	25	31	14	28	34	23	11	2.4	23	26	20	35	23	17	10	4.	43	34	17	38	65	16	29.7
BRINKLEY	MAX	35	33	70 52	35	30	24	37	26	22	17	27	24	51	40	23	37	20	37	15	22	40	48		19	45		11	39	49	3	17	29.0
CAMOEN 1	MAX	48	46 33	67 45	74 39	60 33	50 31	58 31	63 31	24	20	39	41	47	19	20	12	4.3	51 29	64 36	30	52	30		52	53	71	46	23	38	68	19	10.9
CAMP CHAFFEE	MAX	38	35 31		26	27	19	55	60. 30	16	19	34	30	17	57 26	49	10	43 15	19	55	20	37	21	55	34	36	1 6	26	31	36	58	16	24.5
CLARKSVILLE	MAX MlN	35 28	51 32	77 45	61 25	4.9 2.8	50 25	60 36	51 30	48	3 6 2 8	30	17	27	45 35	23	40	51 22	57 23	45 28	45	24	23	33	79	43	64	27	75 35	50	33	17	29.4
CONWAY	MAX	35 30	52 33	77 42	70 35	48 29	52 26	6 l 35	50 33	40	37	37	22	23	45 30	40	40	50 2	5. 5 3.3	46 29	3 d 2 1	43	26	67 36	48	72	62 47	57 30	67	63 50	60 34	53	53.0
CORNING	MAX MIN	40	30	61 32	70 30	25	41	47 26	58 27	42 22	23	34 21	36 24	40 21	52 21	41 21	32 11	32 15	4.8 2.7	47 21	32 19	38 19	24	46 34	61 38	72 46	5 9 3 6	32	53 34	60	29	21	41.6
CROSSETT 7 S	MAX	43	70 41	74 62	66	54 35	60 29	65 32	62 32	52 25	39 20	43 27	49 I 29	55	65 28	60 27	4P 12	54 28	62 52	59 37	48 29	47 38	57	78 45	81 64	7 ° 5 8	6 y 5 4	56 46	6 8 4 1	66 47	64 41	52 19	59.3 36.3
CUMMINS FARM	MAX	39	67 38	72 59	65	54 34	55 31	63	55 33	42	38	3 / 3 1	43	45 21	58 32	31	38	43 26	47 41	47 31	42 25	40 34	53 31	75 40	81 52	76 50	5 b 4 6	53 41	64	70 48	64 36	5 3 2 3	54+2 34+9
DARDANELLE	MAX	35	55 32	80 44	70	48	53 25	63	54 34	42	37 27	37 31	45 19	56 21	45	4 3 2 5	41	56 20	59 28	47 27	3 6 2 5	45 31	51 25	67 32	81 40	70 42	64 50	55 29	66 36	63 49	59 35	53	54.1 30.4
DE QUEEN	MAX	42	58 34	76 48	62	54 34	56 26	63	51 29	46	37	42 32	47	56 15	56 27	42	48	58	65 29	57 34	4.5 3.5	46 36	52 32	72 34	82 44	78 40			65 32	59 46	57 34	58 17	56.2 29.9
DES ARC	MAX	38	47	66	72	57 27	48	53	59 29	52	39	32	37 22	43	53	47	34	38 14	46	53	3 8 2 1	41	42	52 32	69	79 45	62 41	67 30	55 30	65 47	67 31	47	51.5 26.8
OEVILS KNOB	MAX	28	43	67	58	41	43	60	50	35 12	29	34	37	44	41	33 13	31 11	45	54 34	50 19	34	43	43	58 38	72 51	68 45	57 42	51 29	57 39	54 50	52 22	49	47.1 28.4
DUMAS 1	MAX	42		68	63	50	50	64	50	58 25	36	40	45	55	64	48	41	44	54 42	47	42	40	55 38	77	82i 57	71 55	5 7 4 7	56 42	66	72 47	60 34	52 23	55.4 33.9
EL DORADO CAA AP	MAX	41	69	72	66	48	60	65	56	42	39	39 26	47 21	56 20	58	43	44	60 26	61	51	44	44	57	76 46	82 61	73 57	5 8 4 8	55 36	67 33	66 49	58 29	53	56.5 34.4
EUREKA SPRINGS	мах	34		72	58	38	50	61	51	35	35	40	42	53	45	33	39 10	50	55	46		46	49	70 37	80 52	69	58	53 28	64 48	5.7 3.4	41	52 23	51.2 28.0
FAYETTEVILLE	M1N MAX	36	59	68	49	37	48	58	46	36 13	37	37	41	50	44	30 15	37	52	55	45	4.2		50	66	75 55	69	56 41	5 9 2 9	63	56 32	40	50	49.6 28.8
FAYETTEVILLE CAA AP	MIN	36	58	71	45	38	49	59	37	37	36		41	50	4.5	25	3.7	5.2	5.A	46	42	49	50	68	77	72 40	56 35	59	63	5 7 2 8	41 15	51 12	49.7
FAYETTEVILLE EXP STA	MIN	39	35 60	6.8	59	39	16	57	18	3.7	1 17	39	40	50	44		35	5.2	5 11	4.7	47	47	5.1		7.5	71	64	61	63	59	43		51.2
FLIPPIN CAA AP	MIN	34		75	48	25	51	60	25 37	34	37	37	42	52	41	30	3.9		52	35		44	55	65	79	62	5 3	51	64	61	42 24	54	49.1
FORDYCE 6 W	MIN		33			51		60	55	44	39	38	45	53	57	45	41	48	58	50	46	41	52	74	80	76	70 48	50	65	66	63	51	55.5
FORT SMITH WB AP	MIN	32	33		3 48	43	55	59	44	38	3 2	31	4.3	57	4.8	32	42	58	56	44	38	45	52	64	ы	70	61	56	66	57	49	54	51+1
FT SMITH WATER PLANT	MIN		33	40		30		63	25	42	3.7	23	41	50	49	18	39	51	5 7	52	44		10	65	77	75	6.9	ė.	65	6	57	51	53+3
	MIN	27	31	43	3 21	25	19	25	2 s	12	30	29 38	44	55	47	19	3.8	54	18	48	42		54	6.8		75) to	5.5	6.5	64	56	5.7	54.3
GILBERT	MAX	29	30	36	6 22	20	15		22	19	25	27	17	18	23	19	39	15	61	18	20	5	47	67	7.7	74	64	5 9	60	58	56	53	53.9
GRANN I S	MAX	29	31	4.	3 35	34	25	3 3	36	15	2.3	30	16	22	36	31	10	1 3	34	25	3.2	5	35	35	51	66	50	59	35	57	39	5 1	31.7
GRAVETTE	MAX	2.6	32	2 45		37	50		23	9		25			29	12	4	23	17		3 23			34	-	41	39	31	31	2 8	18	10	24.5
GREEN MOUNTAIN	MAX											2.5		6.3	1, 6	4					7)), 4		LA	A.	7.8	5.5		65	5.8	40	5.5	50.5
HARRISON	MAX		62		0 2:	3 24	50																	68 28					34	3.3	21	15	22.9
HELENA	MAX			6 6 6	0 4	3 3 5		39	34	26	22	37	29	25	29	55	17	29	3 9					72 46			55 46			65 45		4 8 2 5	34.7
HOPE 3 NE	MAX		3 44			7 59 5 33	3 30	59	62 34	56 20	43		20	19	2 6	25	15	11	24	6 3	3 4	3 3 1	31	6.3	5	7 43		36	31	67 42	3.8	24	29.9
											-			1			ı			1													

See reference notes following Statios Indee. - 143 -

DAILY TEMPERATURES

ARKANSA DECEMBER 195

Dr. C.																Day	Of M	lonth															rag
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		31	Average
OT SPRINGS 1 NNE	MAX MIN	38 30	50 32	75 45	69 36	50 35	53 32	62 39	56 39	45 21	39 27	36 29	21	54 28	46 37	43 25	41 16	52 28	61 33	54 29	40 25	40 34	47 33	70 40	79 58	76 52	66 48	50 36	65 41	61 53	57 37	55 28	54 • 34 •
ONES8ORO	MAX	34 25	61 32	68 52	64 36	43 30	50 27	59 37	49 32	36 22	36 25	35 24	27	51 22	43 27	38 23	37 14	49 23	51 36	43 23	38 19	40 22	45 25	62 39	74 46	68 47	56 39	52 32	65 39	62 46	44 30	51 25	49. 30.
EO	MAX	35 26	60 33	74 45	62 33	51 29	52 26	60 38	52 32	40 22	3 7 2 2	37 28	42 21	52 21	45 27	40 24	40	46 22	54 39	52 28	40 21	40 32	52 36	73 36	80 53	65 44	59 44	54 34	67 41	69 48	61 35	52 22	53. 31.
EAO HILL	MAX	34 27	65 29	78 43	55 25	42 22	53 13	61 27	44 21	36 20	34 21	39 25	43 15	55 22	40 22	33 16	39	54 15	54 16	36 20	40 21	44 16	57 19	67 28	84 42	63 31	57 31	52 19	63 26	58 39	40 23	54 12	50 • 23 •
ITTLE ROCK WB AP	MAX	37 30	60 37	76 53	54 38	47 35	51 33	60 38	50 29	39 23	36 25	34 30	41 26	52 23	41 31	35 23	40 15	46 24	55 37	39 28	38 25	40 34	51 36	72 35	80 56	65 52	53 45	55 36	67 45	65 50	50 34	53 26	51. 33.
AGNOL1A 3 N	MAX	43 32	70 38	75 59	74 39	60 36	60 30	65 39	60 32	46 24	3.8 2.5	40 31	46 19	57 24	56 29	50 28	45 13	53 27	68 44	66 38	48 33	44 39	48 40	76 35	83 53	81 56	64 53	58 46	69 34	66 51	61 40	55 18	58. 35.
ALVERN	MAX	40 30	54 32	77 41	72 29	50 31	57 29	62 34	55 30	41 22	38 22	3.8 3.0	45 19	55 19	50 32	42 25	42 11	52 20	62 36	54 30	40 24	40 35	49 35	74 31	81 48	73 45	62 48	60 32	68 36	63 48	60 38	53 17	55. 30.
AMMOTH SPRING	MAX	34 24	59 31	74 41	67 30	45 23	49 15	62 38	50 23	35 22	38	36 18	42	53 17	43 26	36 19	33 8	52 17	48	35 22	38 19	43 16	48 18	5 7 30	78 34	68 43	58 35	57 27	65 35	60 47	48 25	52 15	50 e 25 e
ARIANNA 2 S	MAX	36 24	67 34	67 58	65 39	53 31	55 28	61 36	55 30	3 9 2 4	36	37 26	43 26	51 21	56 30	4.8 2.5	37	41 25	56 40	55 26	40 21	40	49 23	70 41	79 54	70 48	55 44	57 33	62 44	67 47	62 38	50 18	53. 32.
ARKED TREE	MAX	35 25	61	70 50	63 37	47 31	50 26	60 37	51 31	36 22	35 24	37 23	40 25	50 19	51 27	40 23	35 11	50 21	53 37	39 22	38	41 18	45	65 39	75 48	70 44	55 39	55 29	64 39	67 46	60 30	46	51 • 29 •
ARSHALL	MAX	35 27	50 29	7 5 37	65 25	48	51 24	62 29	57 27	37 19	36 24	36 25	44 18	50 28	46 35	37 18	46	52	58 21	58 18	40 23	46 28	52 31	68 40	79	74 38	58 42	54	63 33	63 55	57 25	56 17	53. 27.
.NA	MAX MIN	37 30	5 1 3 3	73 46	5 3	4.7 3.2	52	63 38	50 34	46	3 2 2 5	35 29	43 18	54 25	48 35	41	39 13	55 25	59	50 28	43	43	45 32	64	75 54	71 49	63	54 32	60 35	57 48	53 31	53	51. 32.
ONTICELLO 3 S	MAX	45	70 37	71 60	71 42	55 34	57	63	61	51 22	39 22	40 21	45 21	55 21	64	60 26	43	44	59	49	45	44 35	55 33	78 47	81 52	73 50	59 49	56 43	67 45	71 43	68 38	52 18	57 . 34 .
DRRILTON	MAX	35	53	76 43	69	48	52	60 35	52 35	41	37 23	36 29	45 28	53 31	46	40	40	49	54	49	38	43	49	6 5 32	79	71 42	61	55 28	66	63	61	53	52 • 31 •
DUNT IDA	MAX	40	38	66	77	55	49	54	64	46 18	43	34	37	44	54	45	35	40	55	60	46	38	42	52	69	79 36	72 40	60	51 27	30	56	47	51.
DUNT MAGAZINE	MAX	30	52	67	55 25	35 27	42	51 35	45 25	32	27	27	33	44	44	33 13	30	44	52	45	34	40	47	59 37	72	64	54	49	55 31	52	48	45	45.
DUNTAIN HOME	MAX	32	58	75	49	40	50	58	52	34	37	40	40	51	40	35	36	52	53	38	38	43	55	65	7.8	67	55 41	52	64	60	49	52	49.
DUNTAIN HOME C OF ENG	MIN	37	37	59	30 75	30 47 27	41	50	29 59	38	35	35	37	42	51	18	29	37	52	19	23 35	37	45	33 55	65	79	62	54	50	38 64	61	43	48
ARROWS DAM	MIN	42	45	36 65	77	61	50	18	30 62	51	45	43	43	47	55	18	9	41	21 54	65	50	21	45	50	72	81	75	59	25 51	37 64	58	52	54.
ASHVILLE PEACH SUBSTA	MIN	31	33	38	35 76	61	50	28	30 61	51	43	36	41	45	53	28	10	10	25	63	33 50	32 41	37	31 51	72	80	68	38	49	34 65	37 58	52	53.
EWPORT	MIN	35	30 58	36 73	35 65	33 49	53	31 61	34	38	37	28	43	53	25	36	38	13	50	31	31	32 40	35 47	35 65	76	71	50	36 55	36 68	40 67	35 62	55	52
IMROD DAM	MIN	24	36	42 66	33 76	30 56	24	36	31 64	53	43	26 39	36	20	25 56	23	37	21	35 59	62	20	37	20	35 50	47 68	47	39 65	30 61	37 52	45 67	31 61	52	52
< A Y	MIN	23	32 65	77	70	27 57	57	24	33	47	42	28	47	16 55	20	25	44	9 55	19	25	21 47	25	25 55	32 76	83	81	43 65	57	28 68	31 65	37 61	19	58
ZARK	NIM	32	34 50	76	58	35 48	30 52	37 62	31	23	36	31	17	20	33	38	11	23	33 58	35 57	34	38 45	39 49	35 68	61	73	53 62	59	31 67	41 60	40 51	52	52
ARAGOULD	MIN	27	30 60	42 68	25 65	28	22	36	1 اد	15	34	35	17	27	32	20 36	10	22	23	28	25 34	30	23	28 59	72	67	39 57	53	39 64	43 59	31 54	18	28 ·
ARIS	MIN	24	32	51 77	33	27	31	27 61	47	40	22	20	25	18	23	21	11	21 56	37 59	21	18	19	19	32 64	36	42 71	35 65	30 68	32 70	46 61	28	21	27
ERRYVILLE	MIN	30	33	40	30 63	30	24	31 63	35 59	18	38	31	17 43	21	27	23	12	19	24	27 55	25	29	23	32 67	3 7 76	42 75	39 62	29	35 68	45 65	32 62	23	28
INE SLUFF	MIN	30	29	72	65	26 45	24	31	31 53	20	20	30	18	18	25	26	13	17	31	25	22	31	28	30 75	41 81	39	48	25	33	48	35	20	28
	MIN	31	39	47	40	36	31	42	36	24	24	31	26	24	32	26	17	29	38	29	26	35	37	43	59	53	47	39	44	51	39	25	35.
INE 8LUFF CAA AP	MAX M1N	3.2	42	72 56	57 35	45 35	29	36	30	38	23	37	24	21	30	20	15	27		29	25	35	53	75 40	59	52	53	51 40	67 46	71 50	28	23	34.
OCAHONTAS 1	MAX	23	55 32	71 43.	33	23	21	31	51 29	20	36 23	37 21	22	49 18	25	39 21	34	48	46 32	21	37 18	20	20	59 35	40	69 45	54 37	32	38	47	57 28	18	27
DRTLAND	MAX		31	70 48	7 2 47	59 39	53 32	5 7 3 2	60 32	62 32	22	40 22	23	41 25	45 22	50 23		42	60	58 38	39 28	46 30	43 36	58 38	76 52	75 58	75 54	47	58 47	68 48	69 48	25	55. 35.
RESCOTT	MAX	38 22	38 29	61 37	73 34	53 33	47 29	5 2 30	59 33	50 20	40 20	35 25	36 18	19	53 19	45 24	38	35 12	52 20	61 32	43 30	39 30	39 35	51 32	72 51	79 48	62 48	54 34	47 31	63 31	60 35	20	50 • 28 •
DGERS	MAX		62 33	69 46	53 22	38 27	50 20	58 32		35 11	38 26	35 26	42 17	52 17	43 33	33 14	39 9	55 24	55 21	46 20	41 23	48 25	52 30	68 26	78 48	66 44	59 42	58 31	65 35	58 33	39 20	50 20	50 · 26 ·
JSSELLV1LLE	MAX	37 29	54 33	78 44	69 31	47 30	51 24	61 32	55 36	41 20	36 24	37 31	42 19	52 21	50 29	43 24	40 12	54 18	55 25	50 26	41 23	45 32	50 24	65 30	81 39	74 41	63 50	55 28	66 35	63 46	60 34	51 22	53. 29.
AINT CHARLES	XAM NIM	43 24	50 31	69 49	70 40	58 35	47 29	56 32	61 31	57 25	40 20	36 26	38 25	45 21	54 24	60 26	37 14	39 15	48 32	51 29	39 23	24	42 27	55 36	69 53	80 51	62 47	48 39	60 39	65 49	69 37	47 23	52. 31.
EARCY	XAM NIM		53 33	74 42	66 33	50 29	52 28	60 34	50 32	3.8 2.2	3 7 2 5	36 34	42 26	51 21	45 27	39 24	37 13	48 19	49 36	40 27	39 25	41 30	48 24	62 35	76 43	70 49	57 43	5 2 3 3	67 39	64 50	61 32	52 24	51. 31.
HERIDAN TOWER	MAX NIM																				20	40 32	51 35	74 45	78 55	74 54	65 52	52 36	67 41	68 42	65 40	54	
ILOAM SPRINGS	MAX	38 16	36 32	60 34	68 19	45 20	36 16	49	59 26	36 12	37 11	36 28	36 16	40 16	51 30	42 15	2 6 7	38 12	53 18	56 21	43 21	40 25	50 29	51 32	67 32	77 45	69 40	54 34	59 33	63 40	54 22	39 13	48.
TUTTGART	MAX M1N		63 29	69 55	64	50 35	54 32	62 40	54 36	40 24	37 24	3.8 30	45	53 25	52 31	41		43		45 25	45 29	42	52 31	72 40	81 55	77 52	60 46	56 37	67 46	70 50	65 35	52	54 . 8

Table 5 - Continued	DAILY TEMPERATURES	ARKANS
		2.00

Station																Day	OIM	onth				_											age
+		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avera
STUTIGART 9 ESE	MAX	40 25	48	65 48	68 38	55 35	47 31	53 34	59 35	52	49	32 26	3 7 2 4	43	51 29	54 26	37 16	38	45	54 29	40	42 27	41 28	51 26	72 50	78 47	64	59 37	57	63	68	47	51.9
SUBIACO	MAX	35 29	55 32	76 41	67 32	46 33	54 25	60 34	53 37	40	38 27	38 30	44	55 23	48	43 21	4.3	55	60	57	3.7	46	49	64		81	63	56	6.8	61	5.3	51	53.2 29.9
TEXARKANA W8 AP	XAM NIM	41	65 40	78 51	60 38	49 37	58 32	63	52 28	44 24	3.8 2.8	41	46 20	55 25	5 I 3 7	43	43 15	57 27	67 43	47 37	36	46	56 39	77 51	83 62	65 53	61	56 37	67 36	62 50	6 d 3 l	54 25	55.5 35.9
TURNPIKE	XAM N1M	30 24				42 27	43 27	57 36	49 28	35 14	33 21	33 23	37 20	44 26	4.7 3.2	32 17	30 12	45 26	54 33	45 19	36 20	44	40		70 44	65 46		53 29	57 40	5 7 50	54 23	46	45.3
WALDRON	MAX	37 29	60 28	76 40	65 24	45 26	56 22	63	50 28	41 15	3 7 20	37 29	44	56 20	51 25	46 21	42	59 17	62 19	54 22	42	4.8 3.2	57 21	66	82 40	77 36	67 43	5 9 2 5	65 29	59 46	53 29	57	55.3 26.0
WALNUT RIDGE CAA AP	MAX	36 26	58 36	72 50	54 33	44 28	47 25	58 36	42 27	37 23	35 25	34 23	41 26	50 21	40	32 81	33 14	48 24	4.7 3.1	35 23	38 19	40 21	45	5 8 3 5	72	59 41	5.2 3.5	53	64	60 40	45	53	47.8 28.6
WARREN	MAX	40 31	67 39	67 39	64 42	5.8 3.4	56 31	62 37	58 33	41	3,7 23	40 31	45 22	53 21	62 28	50 27		45 28	62 43	58 31	45	43	62 37	78 48	82 58	74 57	58 48	62	67 45	69	67 48	52	57.0 35.2
WHITE ROCK	MAX	29 21	52 28	64	47 27	40 27	42 28	60 36	48 27	36 11	29 21	30 23	35 21	44 25	42 30	30 13		45 25	51 36	47 23	33 22	44	44 52	59 37	07	68 53	61	52 34	60	52 48	51	41	46.5
WILSON	MAX		62 33			2.8	27	60 28	51 31	36	33	37 19	0 2 1 2	52 22	56 30	40	42	49	52 32	43	38 19	40	45	60	74 42	62 42	5 5 3 1	55	62	61	57 29	52	51.2 28.6
WYNNE	MAX	35 23	63 34	70 50	62 30	45 30	51 23	5 9 3 5	47 30	35 23	35 18	36 26	41 25	51 23	50 30	3 8 2 2	36 10	49	5.8 3.0	38 24	38 20	41 19	47	64	77 51	69 48	54 43	56 32	63	66 48	60 31	49	51.1

EVAPORATION AND WIND

																	_																
2																	Day o	f moi	ath														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
BLAKELY MOUNTAIN DAM	EVAP		.08	18	-14 84	.10	.05 32	.07	.06	* 174	* 47	65	# 35	17	.30	* 80	98	* 62	.15	.04	*	* 28	.11	.00	.00	*	*	.16 136	.06	.10	.10	- 60	1.68
HOPE 3 NE	EVAP		.04	.02	.16 21	.15	.01	.10	.06	# 60	* 22	*	* 59	* 12	.92	* 32	*	*	.14	.08	.14	.05	.01	*		.11							1.81
NARROWS DAM	EVAP WIND																																
RUSSELLVILLE	EVAP WIND																																1.36
STUTTGART 9 ESE	EVAP																																1.37

G																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BLYTHEVILLE	SNOWFALL SN ON GND															T			Т													
BRINKLEY	SNOWFALL SN ON GND	Т					:																									
CALICO ROCK	SNOWFALL SN ON GND	T T								T																						
DANVILLE	SNOWFALL SN ON GND	T																														
DE QUEEN	SNOWFALL SN ON GND	Ŧ																														
EL DORADO CAA AP	SNOWFALL SN ON GND																						T									
EUREKA SPRINGS	SNOWFALL SN ON GND	T T							Т																							
FAYETTEVILLE EXP STA	SNOWFALL SN ON GND	0.2 T							Т			Τ											1									
FORT SMITH WB AP	SNOWFALL SN ON GND	Т									0.6	T T																				
GILBERT	SNOWFALL SN ON GND	Ī							Т																							
GRAVETTE	SNOWFALL SN ON GND	T								Т	Т																					
HOT SPRINGS	SNOWFALL SN ON GND	Т																														
JONESBORO	SNOWFALL SN ON GND	Т								Ŧ						Т																
LITTLE ROCK WB AP	SNOWFALL SN ON GND	T T																														
MARKED TREE	SNOWFALL SN ON GND	Т								Т																						
MOUNTAIN HOME	SNOWFALL SN ON GND								Т																							
OZARK	SNOWFALL SN ON GND	Т										T																			Т	
PINE BLUFF CAA AP	SNOWFALL SN ON GND	Т																														
POCAHONTAS 1	SNOWFALL SN ON GND		Т																													
PRESCOTT	SNOWFALL SN ON GND	Т																														
ROGERS	SNOWFALL SN ON GND	0.5							Ŧ																							
TEXARKANA WB AP	SNOWFALL SN ON GND	1									Т																					

DAILY PRECIPITATION

ARKANI

Table 3		-																															
	7														Da	y of n	onth																
Station	Total	1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
DECEMBER 1954 PINE RIDGE	3.43	3	03										Т	1.81	.12					1									9.5		1		
MARCH 1955 MELBOURNE	1 -		-	-			-	-		-				-	-	-		-	-	1.92	1 -	. 1	: 05										
APRIL 1955 MELBOURNE	5.96	5	٠	1.0.		.40	ŭ	. 83							1.67	е							1 8.										
MAY 1955 MELBOURNE	5.95	5								. 33					.45							1 27		17.					6				
JUNE 1955 COTTER MELBOURNE	8.0	3						1.51	.34				.10			:102	.55						4.5					7 40					
AUGUST 1955 COTTER	. 81	6				T	ī		т	Υ											1					.,							
OCTOBER 1955 COTTER FOUNTAIN HILL	1.8					.04	11	, T						_	03																(
GREEN FOREST	2.7	4	4.6						. 74																						1.5		

Station	No.	County	± e de	ıde	uo	Obse vatio	Observer	Refer to		Station	No.	County	ge‡	Θ	nde		Obser vation time	Observer	Refer to
Station	Index 1	County	Drainage Latitude	Longitude	Elevation	Temp.	Lieup Chaelde	tables		Staton	Index	County	Drainage	Latitude	Longitude	Elevation	Temp.	Observer	tables
Abbott Alicia Alum Fork Aly Amity 3 NE	0064 0130 0136	Scott Lawrence Saline Yell Clark	1 35 04 7 35 54 1 34 48 3 34 47 3 34 17	94 12 91 05 92 52 93 29 93 25	755	5P	7A James V. Williams 7A Ruby B. Owens 5P L. R. Water Works 7A Gurn B. Swaim 7A Mrs. Alta F. Garner	3 3 2 3 5 3 3	CCC	Lurton Madison Magnolia 3 N Magnolia 5 N Malvern	4528 4548 4550	Newton St. Francis Columbia Columbia Hot Spring	4 4	35 46 35 00 33 19 33 20 34 23	93 13	315 360	6P 7/	Lola I. Dollar Loren R. Jones Learl E. Graham Ark. Pwr & Lgt Co. Malvern Fire Dept.	3 3 2 3 5 7 2 3 5
Antoine Aplin 1 W Appleton Arkadelphia Arkansas City	0188 0196 0220	Pike Perry Pope Clark Desba	3 34 02 1 34 58 1 35 25 3 34 07 2 33 37	93 25 93 00 92 53 93 03 91 12	522	6P M	BA Drew A. Lamb 7A Hobart Watts LD John A. Jones Hillman E. Lawrence BA John W. Trammell	3	0 00	Mammoth Spring Marianna 2 S Marked Tree Marshall Marvell	4638 4654 4666	Fulton Lee poinsett Searcy Phillips	5 5 7	36 29 34 44 35 32 35 54 34 33		690 234 229 1050 195	SS 7/ 6P 6F 6P 7/	John H. McKee Univ. of Arkansas William M. Crick Mrs. Minnie Horton Sterlin Wallace	2 3 5 7 2 3 5 7 C 2 3 5 7 C 2 3 5 7
Asbdown Athens Augusta Bald Knob Batesville Livestock	0300 0326 0350	Little River Howard Woodruff White Independence	4 33 40 4 34 19 7 35 17 7 35 18 7 35 49	94 08 93 58 91 22 91 34 91 47	329 960 218 230 571	6P	7P Soutbwestern G & E 7A Arra D. Parker 7A David G. Griffiths 5P Univ. of Arkansas Univ. of Arkansas	2 3 5	c c	Maumee Melbourne Mena Monticello 3 S Montrose	4746 4756 4900	Searcy 1zard Polk Drew Ashley	7	36 03 36 04 34 35 33 35 33 19	92 39 91 54 94 15 91 48 91 29	749 610 1207 285 125	6P 7/ 5P 5I	Verne N. Davenport A Ivan L. Shrader A E. W. St. John P Arkansas A & M Col. O Ark. Pwr & Lgt Co.	2 3 5 7 C 2 3 5 7 C
Batesville L & D 1 Bear Creek Lake Beaty Lake Beaver Beebe	0496 0512 0518	Independence Lee St. Francis Carroll White	7 35 45 7 34 43 5 35 05 7 36 28 7 35 04	91 38 90 42 90 43 93 46 91 53	400 930	м	7A James J. Mitchum 1D U.S. Forest Service 5P L. G. Adamson 7A H. E. Skelton ID Lowell E. Perkins	3	c c	Morobay Lock & Dam Morrilton Mount lda Mount Magazine Mountain Home	4938 4988 5010	Calhoun Conway Montgomery Logan Baxter	1 3 1	35 07 34 33 35 10	92 27 92 45 93 38 93 41 92 23	663 2800	5P 7/ 7A 7/ 7P 71	Corps of Engineers A Emma S. Leavell A William E. Black U.S. Forest Service Charles Shiras	3 C 2 3 5 2 3 5 C 2 3 5 C 2 3 5 7
Beech Grove Beedeville Benton Bentonville Berryville 4 NW	0536 0582 0586	Greene Jackson Saline Benton Carroll	7 36 09 7 35 26 6 34 33 1 36 22 7 36 26	90 38 91 06 92 37 94 13 93 37	221 285 1295	6P	BA B. B. Hammond BA P. M. Breckinridge BA Mrs. Etta C. Burks 7A Earle L. Browne 7A David L. Stidham	3 3 2 3 5 2 3 5 3	С	Mountain Home C. of E. Mountain View 1 M Mountainburg 3 SSW Mulberry 6 NNE Narrows Dam	5046 5056 5072	Baxter Stone Crawford Franklin Pike	7	36 20 35 52 35 36 35 34 34 10	92 08 94 12	500	5P 31	Corps of Engineers Mildred E. Ward CLOSED Henry G. Arvin Corps of Engineers	2 3 5 6 C 3 13/10/54 3 2 3 5 6 C
Big Flat Big Fork Big Lake Outlet Black Rock Blakely Mountain Dam	0664 0676 0746	Baxter Polk Mississippi Lawrence Garland	7 36 00 3 34 29 5 35 51 7 36 07 3 34 36	92 24 93 58 90 08 91 06 93 11	1100 238 259		7A .CLOSED 7A Anna M. Liles 6P N. W. Douglas 7A Lee W. McKenney 8A Corps of Engineers	1/1/55 3 3 3 3 6	С	Nashville Peach Substa. Nashville SCS Nathan 4 WNW Newhope 3 E Newport	5114 5158 5174	Howard Howard Howard Pike Jackson	3 3	34 00 33 57 34 07 34 14 35 36	93 51 93 52 93 50	550 373 550 850 225	7/	Univ. of Arkansas Soil Cons. Service Edna J. Westfall Elsie F. Word Luther D. Summers Ju	2 3 5 C 3 3 5 7
Blue Mountain Dam Bluff City Blytheville Booneville Botkinburg	0806	Yell Nevada Mississippi Logan Van Buren	1 35 06 3 33 41 5 35 56 1 35 09 7 35 39		252 511	SP 7P	Corps of Engineers A Paul M. Adams A lvy W. Crawford A Cleo E. Yandell Thomas M. Pearson	3 2 3 5 2 3 5 7	c	Nimrod Dam Norfork Dam Odell Oden Okay	5354 5358 5376	Perry Baxter Washington Montgomery Howard	7 1 3 4	34 38 33 46	92 15 94 24 93 48 93 53	425 1500 800	7/	Corps of Engineers Corps of Engineers Mrs. Renzo Hurst Vera J. Gann J. T. Hargis	2 3 5 6 C C 3 3 2 3 5
Boughton Bradford Brankley Buffalo Tower Buil Shoals Dam	0872 0936 1010 1020	Nevada White Monroe Newton Baxter	3 33 52 7 35 25 7 34 54 7 35 52 7 36 22	91 28 91 10 93 30 92 34	235 240 205 - 460	k	7A Iris Elmore Wicker 7A Marshall Bickmon 5p Robert D. Schnefer 7A Beulah F. Fowler ID Corps of Engineers	3 3 2 3 5 7 3	c c	Osceola Owensville Ozark Paragould Paris	5498 5508 5562 5576	Mississippi Saline Franklin Green Logan	1 5	35 43 34 37 35 29 36 04 35 18	93 50	275	6P 6	A Alwyn A. Cowan A Guy Cook A Burns Wakefield P Radio Station KDRS S Fred J. Girard	3 3 2 3 5 7 2 3 5 2 3 5
Burdette Cabot 4 SM Calico Rock Camden 1 Camden 2	1102 1132 1152	Mississippi Pulaski Izard Ouachita Ouachita	2 35 49 7 34 57 7 36 08 3 33 36 3 33 35	92 04 92 08 92 49	116	7A	GP G. A. Hale SP B. M. Walther 7A Austin D. Harris 7A John W. Knight ID Edith Z. Lehman	3 3 3 7 2 3 5	С	Parkin Parthenon Perryville Pine Bluff Pine Bluff CAA AP	5602 5694 5754	Cross Newton Perry Jefferson Jefferson	1 1	35 16 35 57 35 00 34 12 34 10	93 15 92 49 92 00	325 215	5P 71	A Corine D. Gardner D Arthur B. Carlton A rancis Finkbeiner A Mary T. Scheu D U.S. Civil Aero Adm	3 C 2 3 5 2 3 5 C 2 3 5 7
Camp Chaffee Canaan Carlisle 1 SW Carpenter Dam Clarendon	1188 1224 1238	Sebastian Searcy Lonoke Garland Monroe	1 35 18 7 35 52 1 34 47 3 34 27 7 34 41	92 44 91 45 93 01	235	b N	U. S. Army ID Froney Dell Horton 8A John L. Tait ID Ark. Pwr & Sgt Co. 7A B. F. Northern	3	c c	Pine Ridge Pocahontas 1 Portland Prescott Prescott SCS	5820 5866 5908	Montgomery Randolph Ashley Nevada Nevada	7 3	34 35 36 16 33 14 33 48 33 48	90 59	330 122 318	5P 7/ 7A 7/ 7A 7/	A J. R. Huddleston Benedictine Sisters A Mrs. Pearl Newton A R. P. Hamby D Soil Cons. Service	3 5 7 2 3 5 7 2 3 5 7 2 3 5 7
Clarksville Clinton Cold Springs Combs 3 SE Compton	1492 1520 1574	Johnson Van Buren Scott Madison Newton	1 35 28 7 35 35 3 34 58 7 35 48 7 36 06	92 28 93 54 93 48	510 1250 1400	3	6P Dr. Irving F. Beach 7A Earl B. Riddick 7A Margaret Zornes ID Maude C. Brashears ID William L. Binam	2 3 5 3 3	CC	Pyatt Ratcliff Ravana Remmel Dam Rison	6008 6016 6102	Marion Logan Miller Hot Spring Cleveland	4 3	36 16 35 18 33 04 34 26 33 57	92 54		MI MI	D Ona V. McLean A Lulu M. Weeks D Bonny L. Allen D Ark. Pwr & Lgt Co. A J. H. Yaney	3 C C
Conway Corning Cotter Cove Crossett 7 S	1632	Faulkner Clay Baxter Polk Ashley	1 35 05 7 36 24 7 36 17 4 34 26 3 33 02	90 35	293 440	7 A	5P G. Y. Short 7A Mrs. Laura Polk 7A Robert T. Fielding 7A Joe C. Allen 5P U.S. Forest Service	2 3 5 2 3 5 7 3 2 3 5	С	Rogers Russellville Saint Charles Saint Francis Searcy	6352 6376 6380 6506	Benton Pope Arkansas Clay White	1 7 5 7		93 08 91 08 90 08 91 44	360 200 300	5P 5: 8A 8	S Howard Fowler P U.S. Forest Service A Fish & Wildlife Service A William S. Buckley A dam C. Melton	2 3 5 7 2 3 5 6 2 3 5 3 2 3 5 7
Crystal Valley Cummins Farm Daisy Damascus Danville	1768 1814 1829	Pulaski Lincoln Pike Faulkner Yell	1 34 42 1 34 08 3 34 14 1 35 22 1 35 03	91 35 93 45 92 25	176 629 705	6P	7A Virda Byrd 6P Cummins Prison Farm 7A Ferna Jones Tedder 7A William A. Brown 7A J. A. Moudy	2 3 5 3 3 3 7	С	Sheridan Tower Shirley Siloam Springs Smithville Sparkman 4 E	6586 6624 6698 6768	Grant Van Buren Benton Lawrence Dallas	1 7 3	34 27 35 38 36 11 36 05 33 55	94 33 91 18 92 48	1150 450	7A 7	P irk. Forestry Comm. A aud H. Bradford A John Brown Univ. D A. R. Richardson A rs. Rachel Butler	2 3 5 7 3 2 3 5 3
Dardanelle De Queen " Denver ? E Dermott Des Arc	1948 1956 1960	Yell Sevier Boone Chicot Prairie	1 35 13 4 34 02 7 36 23 2 33 31 7 34 58	94 21 93 18 91 26	1028 140	5P	7A Gretchen Goodier 7A O. Tucker Vasser ID Clarence E. Collins 8A L. W. Wilson 7A C. J. Rister	2 3 5 2 3 5 7 3 2 3 5	С	Stamps Star City 2 S Steve Stute Stuttgart Stuttgart 9 ESE	6820 6856 6918	Lafayette Lincoln Yell Arkansas Arkansas	3 1 1 7	33 22 33 54 34 53 34 29 34 28	91 51 93 19 91 32 91 25	682 214	6P 7	A "ubert Baker A Ark, Forestry Comm A . P. Sims A George L. Clark A Univ. of Arkansas	3 3 3 2 3 5 2 3 5 6 C
Devils Knob l Dumas 1 Dumas 2 Durbam Eagle Gap	2148 2150 2176	Johnson Desha Desha Washington Scott	1 35 43 2 33 53 2 33 53 7 35 57 1 34 43	91 30 91 30 93 59	162 165 1243	7P	7A Earnest C. Campbell 7P Ben Johnson ID Ark. Pwr & Lgt Co. ID Goldie E. Brink 7A Maxine M. Hooper	2 3 5 7	CC	Subiaco Sugar Grove Sugar Loaf Mountain Taylor Texarkana WB Airport	6940 6944 7038 7048	Logan Cleburne Columbia Miller	7	35 18 35 04 35 29 33 06 33 27	91 58 93 27	500 300 247	SS 7 9 7 7 MID MI	A New Subiaco Abbey A O. R. Fennell A CLOSBD A Idella O. Norwood D U.S. Weather Bureau	2 3 5 3 5/25/54 3 2 3 5 7 C
El Dorado CAA AP Eureka Springs Evening Shade Fayetteville Fayetteville CAA AP	2356 2366 2442	Union Carroll Sharp Wasbington Washington	3 33 13 7 36 24 7 36 05 1 36 05 7 36 00	93 44 91 37 94 10	1465 490 1370	6P 7P	ID U.S. Civil Aero Adm 6P Mabel F. Spray 7A Opha Wolfe 7P Charles F. Ford ID U.S. Civil Aero Adm	2 3 5 7	С	Turnpike Viola Waldron Walnut Grove Walnut Ridge CAA AP	7450 7488 7524	Pope Fulton Scott Independenc Lawrence	7 1 e 7	34 54	91 59	692 675 250	Sp 5	P U.S. Forest Service 7A CLOSED P William D. Bivens P A. H. Fast D U.S. Civil Aero Ada	3.216/55 2 3 5 7 C
Fayetteville Exp. Sta. Flippin CAA AP Fordyce 6 W Foreman Forester 4 WNW	2528 2540 2544	Washington Marion Dallas Little River Scott	7 36 06 7 36 18 3 33 49 4 33 43 1 34 47	92 36 92 31 94 24	700 280 400	MID I	5P Univ. of Arkansas ID U.S. Civil Aero Adm 5P John Yeager ID Leslie P. Callens 7A Mrs. L. L. Nelson	2 3 5	С	Warren Washita West Fork Wheeling White Rock	7592 7694 7744 7772	Bradley Montgomery Washington Fulton Franklin	7 7 1	36 19 35 41	93 32 94 11 91 52 93 57	610 1340 680 2285	MI MI SP 7	P Warren Cotton Oil C A Nora Lee Mayberry D Effie D. Little D Thomas W. Cone A U.S. Forest Service	3 C
Forrest City Fort Smith WB Airport Fort Smith Water Plant Fountain Rill Fulton	2574 2578 2598	St. Francis Sebastian Crawford Ashley Bempstead	5 35 01 1 35 20 1 35 39 3 33 21 4 33 37	94 22 94 09 91 50	458 793 175	MID I	ID Thomas A. Moore ID U.S. Weather Bureau 7A R. J. Schoeppe 6P Jethro R. Denson 8A Ina J. Logan	2 3 5 7 2 3 5 3 3	CC	whitecliffs Wilson Winfrey Wing Wynne	7912 7936 7950	Sevier Mississippi Crawford Yell Cross	1	35 44	94 04 90 02 94 06 93 28 90 46	350 350	SP 7	A L. M. Snead A D. O. Anderson D Clyde F. Meadors D Miles B. Turner SWm. M. Courtney	3 2 3 5 C 2 3 5
Georgetown Gilbert Glenwood Grannis Gravelly	2794 2842 2908	White Searcy Pike Polk Yell	7 35 07 7 35 59 3 34 20 4 34 14 1 34 53	92 43 93 33 94 20 93 41	595 547 920 498	6P SS	7A Bessie E. Akers 7A C. Eli Jordan 7A Myrtle I. Price 7A W. E. McVay 7A Willie Pendergrass	2 3 5 7 2 3 5 2 3 5 3	С	Yellville	8D84	Warion	7		92 41		7	A Madge V. Doshier	3
Gravette Green Forest Green Mountain Greenbrier Greenwood	2946 2952 2962	Benton Carroll Stone Faulkner Sebastian	1 36 24 7 36 2D 7 36 02 1 35 14 1 35 13	92 12 92 23 94 15	36D 518		SS Elson B. Schmidt 7A Obed B. Wilson 7A U.S. Forest Service 8A Thomas E. Cantrell 7A Dorotby M. Been	2 3 5 7 3 2 3 5 3 3		† Heber Springs 3 NE Danville SCS Sales Ozone	1335	Cleburne Yell Fulton Johnson	7	35 04 36 23	92 01 93 24 91 50 93 27	370 668	7	A Lester B. Logan D oil Conservation S A Jas. B. Caldwell A 'aurice R. Brandt	3 c
Gurdon Bampton Hardy Harrison Beber Springs 3 SW	3098 3132 3164	Clark Calboun Sbarp Boone Cleburne	3 33 54 3 33 32 7 36 19 7 36 14 7 35 28	92 28 91 29 93 07 92 03	202 362 1150	6P	7A Roy S. Robbs 8A Soil Cons. Service 1D Theresa Donaldson 7A Bea Gray Beene (ID Wayne Stark	3 3 2 3 5	c c										
Bector Helena Henderson 2 W Hope 3 NE Hopper	3242 3258 3428	Pope Phillips Baxter Hempstead Montgomery	1 35 28 2 34 32 7 36 22 4 33 43 3 34 22	93 33	700	6P 8A	7A Dorothy H.Spilsburg 7A Charley M. Friddell 7P Emil W. Bentzien 7A Cecil M. Bittle 7A Lona A. Sbields	3 2 3 5 3 2 3 5 6 3	С										
Horatio Hot Springs 1 NNE Huntsville Huttig Dam lndex	3466 354D 3556	Sevier Garland Madison Union Little River	4 33 56 3 34 31 7 36 05 3 33 02 4 33 35	94 22 93 03 93 44 92 D5 94 03	337 630 1453 - 60 3D0	5P	6A Elizabeth W. Frida 5P Natl Park Service (ID May Pearl Markley 8A Corps of Engineers 8A W. E. McDowell	3 2 3 5 7 3 3	cc										
Jasper Jessieville Jonesboro Keo Kingsland 3 SSE	3704 3734 3862	Newton Garland Craighead Lonoke Cleveland	7 36 01 3 34 42 7 35 56 1 34 36 3 33 56	93 04 90 42 92 00	730 345 230	6P 7P	7A Lottie B. Davis 7A Mrs. Velma M. Dunn 7A Benedictine Sisters 7P R. A. Waller (ID Claude W. Bunter	3 3 2 3 5 7 2 3 5	С										
Lake City Lamar 2 SW Langley Lead Bill Lee Creek Guard Sta.	4019 4060 4106	Craighead Johnson Pike Boone Crawford	5 35 49 1 35 26 3 34 19 7 36 24 1 35 42	93 25 93 51 92 54	550 796 710	7P	7A Tressa St. Clair IID Peach Exp. Station 7A Mabel F. Forrester 7P F. W. Kellogg 7A U.S. Forest Service	3 2 3 5 3	¢										
Leola #Little Rock WB Airport Little Rock Filt. Pi. Lost Corner Louann 2 SE	4248	Grant Pulaski Pulaski Pope Bnion	3 34 10 1 34 44 1 34 46 7 35 34 3 33 22	92 14 92 19 92 50	257 512 1550	MID	7A J. R. Rbodes IID U.S. Weather Bureau IID L. R. Water Works 7A Catherine Russell 6P Flora A. Hamilton	3 5 7 3 3 3 3	С	† Continuatio	n of	Sugar Loaf Mc	unt	ain re	cord.				
† DRAINAGE CODE 1. AR	KANSAS	2. MISSISS	[PP1 3.0	UACHITA	4. R	ED 5	SAINT FRANCIS 6. SAI	INE 7. WHI	TE										

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no highly at on a numbers with

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the past office

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issue of this builetin.

Montbly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June ismue of this builetin

Stations appearing in the tables, but for which data are not listed, are either missing or received too late to be included in this issue,

Unless otherwise indicated, dimensional units used in this bulletin are temperature in F., precipitation and evaporation in inche and wind movement in miles Degree days are based on a daily average of 65 F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footh te following Table 6.

Sleet and bail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

EQUIV' in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of levariability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of Arkansas may be obtained by writing to any heather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 Data based on observational day ending before noon.

 Adjusted to a full month.

 Data for recorded stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station have been adjusted to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Bourly Precipitation Data).

 Trace, an amount too small to measure.

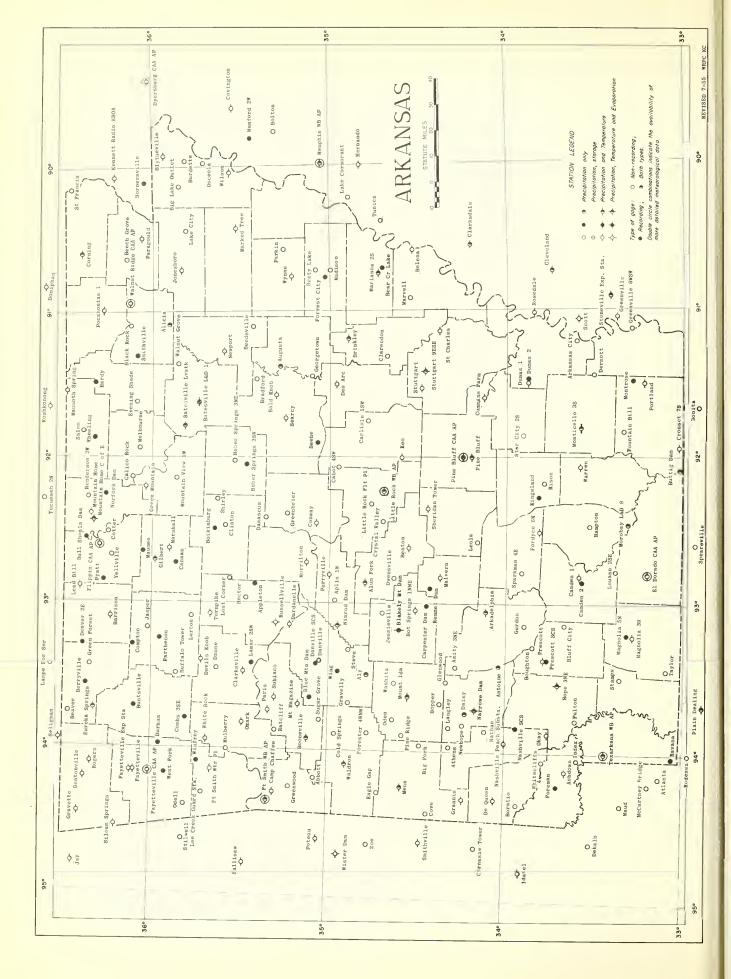
 Includes total for previous month.

 This entry in time of observation column in Station Index means observation made near sunset.
- R

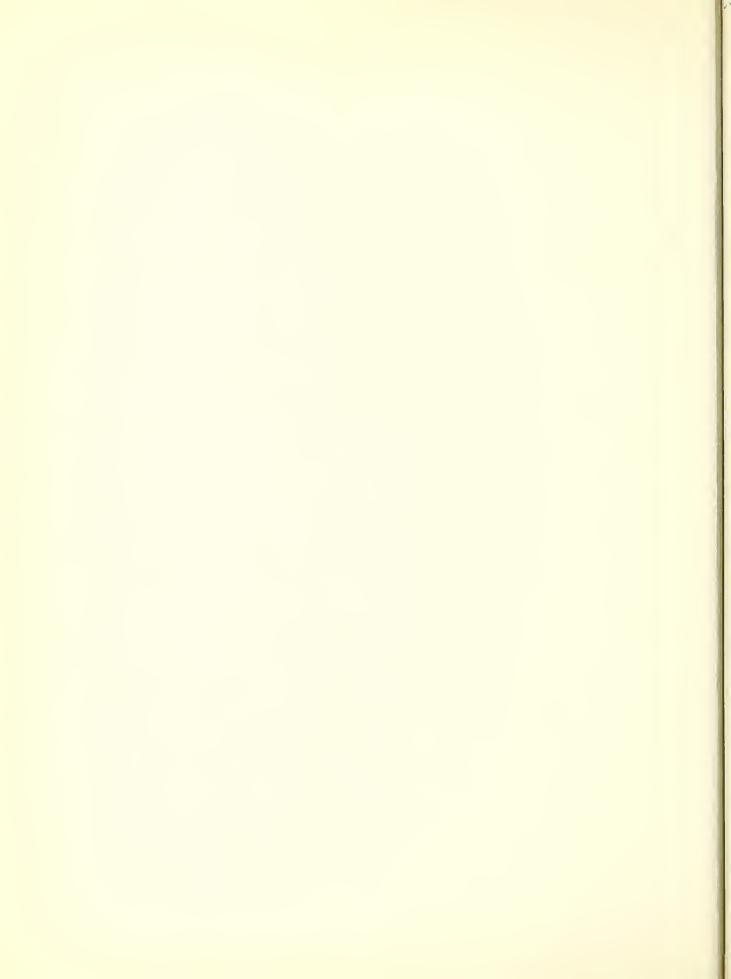
- SS

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NWRC. Asheville, N. C. -- 2-8-56 -- 1005







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WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

JANUARY 1956 Volume LXI No. 1



ARKANSAS - JANUARY 1956

WEATHER SUMMARY

January was cold. The first half of the month was sunny and practically rainless. Showers were frequent during the last half. The rains during the last half replenished the soil moisture. The principal field work was the preparation of the land for crops.

Temperatures averaged several degrees above normal during the first six days. The cold front, which crossed the State on the 6th, was followed by a week during which temperatures averaged slightly below normal. A second cold front, which crossed the State early on the 15th, was followed by a week of temperatures which averaged 10 degrees to 12 degrees below normal. The following warm-up was gradual and daily mean temperatures rose to near normal by the 27th. Early on the 28th, a warm front moved eastward across Arkansas followed by southerly winds which brought warm moist Gulf air. Temperatures rose to about 20 degrees above normal on the 28th. A slow moving cold front moved into the State from the northwest on the afternoon of the 28th. By the evening of the 29th, the entire State was in the cold air. The last two days of the month were quite cold. Monthly mean temperatures ranged from 33.2 degrees at Siloam Springs to 44.7 degrees at Magnolia 3 N. Monthly mean temperatures were below normal at all stations except two. Temperature departures at stations over the Highland Division averaged about -2.0 degrees and departures at stations over the Delta Division averaged about -2.8 degrees. The highest maximums for the month ranged from 70 degrees at several stations in the extreme northwest to 79 degrees at Paris and Texarkana. In general, most stations in the northern and eastern parts of the State registered their highest temperatures on the 5th or 6th and most stations over the western and southern parts registered their highest maximums on the 28th or 29th. Monthly minimum temperatures ranged from four degrees above zero at Gravette to 24 degrees at Pine Bluff. The coldest temperatures were registered on various dates at southern stations. northern stations registered their lowest temperatures on the 16th or 20th.

No rain of importance fell during the first half of the month. Many northern and western stations received several inches of snow on the 18th and lesser amounts on a few later dates. Rain showers fell on many dates during the last half of the month. The amounts were especially generous on the 18th, 28th, and 29th. Numerous stations recorded several inches of rain on the 29th. Alum Fork, where no rain fell in December, recorded 8.33 inches in January of which 7.00 inches were measured on the 29th. This was the greatest daily amount for any stations. Monthly precipitation totals ranged from 0.69 inch (2.15 inches less than normal) at Lead Hill to 9.22 inches (3.93 inches more than normal) at Wilson. Rainfall totals exceeding 4.00 inches were common over a belt about 50 miles wide and extending from near Alum Fork northeastward to Blytheville and Wilson. Stations within that area received more than normal rainfall during January, the departures averaging +1.68 inches. Monthly departures north and west of that area averaged -1.37 inches and departures south and east of that area averaged -1:97 inches. Snowfall exceeded 4.0 inches over most of the northern half of the State. Several northwestern counties received over 8.0 inches of snow. Many southern stations received no snow during January.

The drought intensified during the first half of January. The soil moisture became badly depleted, the rivers were near record low stages, stock water was becoming scarce in some localities, and forest fires were numerous. The meadows and pastures were very dry and the winter grains and cover crops were making no progress. The moisture situation was becoming critical throughout the State. Farm activities consisted principally of breaking land, clearing, fencing, gathering remnant corn and cotton, the care of livestock, and the usual winter chores. The heavy rains which fell over the south and sleet and snow over the west and north during the third week were beneficial to the winter grains, meadows, pastures, and cover crops. The generous thundershowers on the 28th and 29th replenished the soil moisture and filled the small streams to bankfull stages.

STORMS

During the late evening of the 28th, a tornado destroyed three homes and damaged twenthone others, destroyed seven other buildings and damaged six, and injured twelve persons in Faulkner and White Counties. The principal damage was in Faulkner County.

Lucius W. Dye

	Wind	direction		Wind	speed p. h		Relati	ve hum	dity ave			Numh	er of de	ys with	precipi	tation			
Station	Prevailing	Percent of thme from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	-10.	10-49	6605	1.00-1 99	2.00 and over	Total	Percent of possible sunshine	Average sky cover
Fort Smith WB Airport	E	26	8.2	29	SW	28	73	80	60	63	6	3	2	1	0	0	12	53	5.6
Little Rock WB Airport	NNE	11	9.1	24	W	29	69	76	59	61	5	2	4	0	1	1	13	50	5.7
Texarkana W8 Airport	-	-	-	_	-	-	-	-	-	-	3	6	3	0	1	0	13	-	-

CLIMATOLOGICAL DATA

TABLE 2

					Ten	pera	ture									P	recipi	itation					
											No.	of D	ays					Snow,	Slee	t	No.	of D	ays
Station		o E	. 8	A)	long- mean					Days	Max		Min.		ture long- mean	t Day			Depth			More	
		Average Maximum	verage	verage	Depart from 1 term m	Highest		west	e	gree	10 A	3 5	3 0 3	Total	Depart from l term m	Greatest	0	[FE]	Max. De	9	×	0	Wore
		A N	Aw	Α̈́	Depar from term	Ï	Date	Low	Date	Degr	Above	Belt 32°	Below Below	Ç	fr. te	Ď	Dat	Total	Ma	Date	.10 or	.50	10
HIGHLANO DIVISION																							
ALUM FDRK ASHDOWN BENTON BENT SMITH BENTON BENT SMITH BENT BENT SMITH BENT BENT SMITH BENT BENT BENT BENT BENT BENT BENT BENT	AM R // AM A	50.3 55.3 53.3 44.0 50.7 49.3 50.4 45.1 46.7 45.9 46.4 45.9 46.4 45.9 47.6 50.9 48.9 52.0 47.6 51.6 45.9 45.9 46.2 53.9 46.2 53.9 47.0	28.5 29.6 26.3 23.4 22.9 27.4 27.4 27.4 25.1 23.5 23.1 22.4 25.2 27.4 25.1 20.7	39.4 42.5 134.1 34.1 38.6 35.8 39.8 39.2 41.7 35.8 35.9 36.0 34.6 33.5 37.5 37.0 40.6 41.6 33.6 40.0 41.6 33.6 39.3 37.5 40.0 41.6 33.6 39.3 37.5 37.0 40.0 41.6 33.6 40.0 41.6 40.0 41.6 40.0 40.0 40.0 40.0 40.0 40.0 40.0 40	- 1.2 0.5 - 2.5 - 2.5 - 2.5 - 2.6 - 2.4 - 3.2 - 2.5 - 0.9 - 2.6 - 1.0 - 3.1 - 1.8 - 2.7 - 3.7 - 2.0 - 1.4 - 3.3 - 1.8 - 1.3 - 1.8 - 2.3 - 1.8	74 76 75 70 77 76 76 76 76 77 72 71 75 70 70 71 75 70 71 71 71 71 71 71 71 71 71 71 71 71 71	28 29 28 5 5 7 8 28 28 28 5 5 5 6 5 5 6 5 5 6 5 6 5 6 5 6 5 6 5	20 177 14 6 8 8 8 15 15 6 6 7 7 15 10 6 6 23 22 20 9 9 11 18 18 18 18 18 18 18 18 18 18 18 18	9+ 99 16 20 20 20 21 20 20 11 20 21 21 21 21 21 21 21 21 21 21 21 21 21	786 697 782 951 814 920 818 920 889 932 932 939 746 860 892 929 710 716 898 838 842 888 811 755 788 811 756 798 888 888 888	000000000000000000000000000000000000000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 0 7 0 6 0 2 0 7 0 3 0 5 0	2 - 25 3 - 10 0 - 69 5 - 77 3 - 28 2 - 13 3 - 37' 5 - 89 6 - 11 1 - 77 1 - 19 1 - 18 2 - 73 3 - 15 6 - 13 1 - 17 1 - 19 1 - 10 1 - 1	- 1.12 - 1.12 - 0.93 - 1.67 - 1.57 - 2.10 - 1.24 - 1.67 - 1.57 - 2.10 - 1.24 - 1.68 - 2.16 - 0.58 - 2.09 - 0.78 - 1.68 - 2.24 - 1.64 - 1.64 - 1.69 - 0.50 - 1.87 - 2.89	7.00 I.10 C.99 II.56 O.57 O.38 O.89 O.57 O.61 O.79 O.44 O.55 O.66 O.55 I.24 O.55 I.24 O.55 I.25 I.25 I.25 I.25 I.25 I.25 I.25 I	18 30 32 3 19 18 29 28 22 3 29 32 21 8 19 29 22 3 19 29 22 3 19 29 22 3 19 29 22 3 19 19 29 22 3 19 19 18 22 3 29 18 18 29 3 29 18 2	1.4 4.1 5.0 8. 0.0 8.4 9.8 8.1 3.6 6.6 1.1 9.1 3.0 2.5 10.5 11.6 3.0 2.8 11.0	4 15533 3 05432353 552252 566676444662245 66443551 555	18	55875 5775475555333 45566366644975567785557564 65	3 1 0 0 2 3 4 1 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
DIVISIDN				37.8										2.67				6.0	-				
DELTA DIVISION																							
ARKADELPHIA BALD KNDB BATESVILLE LIVESTOCK BATESVILLE L AND D NO 1 BLYTHEVILLE BRINKLEY CAMDEN 1 CORNING CROSSETT 7 S CUMMINS FARM DES ARC DUMAS 1 EL DDRADD CAA AP FORDYCE 6 W HELENA	AM AM AM	52.4 49.1 47.6 49.2 45.2 49.3 44.4 56.6 51.9 53.4 54.7	30.0M 26.4 21.0 24.2 27.1 27.9M 29.0 25.1 30.8 25.0 30.9 32.4 32.8M 31.7	41.2M 37.8 34.3 36.7 36.2 38.6M 42.0 34.8 44.4 41.4 41.4 43.1M 41.1	- 2.6 - 3.7 - 3.4 - 2.5 - 3.2 - 0.5 - 2.3 - 2.6 - 1.6 - 2.0	76 72 74 73 69 70 78 70 77 74 73 77 78 77	6 29 29 30 29 29	19 17 10 10 16 17 18 16 16 20 18 20 22 21 23	9 20 20 20 24 14 9 20 14 9 9+ 14+ 9+ 17+	739 837 943 869 888 817 711 929 637 726 853 708 656 678 732	0 0 0 0 0 0 0 0 0 0 0 0 0	3 2 2 2 2 2 2 2 2 2 2 2 2 0 1 2 0 2 2 0 2 2 0 1 1	23 0 28 0 29 0 28 0 25 0 24 0 25 0 26 0 27 0 28 0 28 0 28 0 28 0 28 0 28 0 28 0 28	5.57 4.16 4.02 5.73 5.98 2.67 2.99 3.32 3.52 4.93 2.85 3.52	- 0.88 - 0.34 0.30 0.78 - 2.22 - 1.29 - 2.26 - 0.95 - 1.74 - 1.57 - 2.77	0.90 3.94 2.45 2.20 3.02 3.47 0.74 1.80 1.36 2.76 1.18 1.46 1.30	29 29 29 28 29 18 29 18 18 30 18	9.0 2.5 9.3 4.0 0.0 5.1 0.0 0.0	0 2 7 4	18 19 19	85.6648646596565	3 3 2 3	O 1 1 1 1 1 1 1 2 1

TABLE 2 - CONTINUED

JANUARY 1956

				-	Ten	npera	ture									P	recip	itation					
										pp	N	o. of	Days		d b0 c	A		Snow	, Sle	et	No	of I	Days
Station		Average Maximum	Average Minimum	Average	Departure from long- term mean	Highest	Date	Lowest	Date	Degree Days	Ma Above	-	Min.	Total	Departure from long- term mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	or More
JONESBORO KEO MAGNOLIA 3 N MARIANNA 2 S MARKED TREE MONTICELLO 3 S NEWPORT PARAGOULD PINE BLUFF PINE BLUFF PINE BLUFF CAA AP POCAHONTAS 1 PORTLAND PRESCOTI SAINT CHARLES SEARCY STUTIGART STUTIGART STUTIGART STUTIGART WARREN WILSON VYNNE	АМ АМ АМ	46.3 50.1 56.7 49.3 46.6 55.1 48.3 44.6 51.9 50.5 47.0 53.1 50.1 49.7 49.4 51.2 49.4 51.2 49.4 51.2 49.4 51.2 49.4 51.2 49.4 51.2 49.4 51.2 49.4 51.2 51.2 51.2 51.2 51.2 51.2 51.2 51.2	28.1 28.9 32.7 28.1 26.3 30.3 30.3 26.5 24.6 31.1 27.9 4 28.7 31.0 29.4 28.7 31.0 29.4 28.8 33.5 28.1 27.1 M	37.2 39.5 44.7 38.7 36.5 42.7 37.4 34.5 41.0 35.8 42.1 39.6 39.1 41.1 39.6 39.1 41.1 39.6 39.6 39.1 41.1 39.6 39.6 39.6 39.6 39.6 39.6 39.6 39.6	- 3.0 - 2.1 - 3.7 - 2.2 - 2.4 - 1.4 - 2.9 - 4.4 - 5.5 - 1.5 - 1.5 - 1.5 - 1.5 - 1.5 - 1.5 - 1.5 - 2.4 - 4.4 - 4.5 - 4.4 - 4.5 - 4.6 - 4.6 - 4.6 - 4.6 - 4.6 - 4.6 - 4.6 - 5.6 - 6.6 - 7.6 -		5 28 29 6 5 29 5 5 28 28 5 30 7 6+ 5+ 7 5+ 29 5	18 17 19 18 18 17 15 24 20 20 20 20 20 23	9+ 14 20 14 1+ 14 16+ 9+ 24 20 14	856 784 627 809 875 713 849 939 691 738 896 704 799 734 811 655 825 875	000000000000000000000000000000000000000	0303400301230150	24 0 19 0 25 0 28 0 0 25 0 28 0 16 0 22 0 33 0 0 19 0 19 0 27 0 27 0 27 0	2.01 4.79 1.98 4.23 7.14 4.76 5.78 3.29 2.90 2.68 3.61 3.66 2.80 4.01 6.50 3.19 3.76 4.23 4.47 7.9.22 5.39	- 3.01 - 2.86 - 0.46 1.71 - 0.83 - 1.79 - 2.33 - 0.71 - 1.09 - 1.94 1.73 - 2.00 - 2.16 - 0.40 -	1.20 2.000 0.700 1.56 3.82 1.252 2.377 0.67 2.000 0.97 0.80 1.30 4.34 1.10 1.43 2.09 1.55 3.59	29 19 29 29 18 29 19 19 30 19 29 19 29 19	6.5 0.5 0.0 7.5 T T 0.0 0.6	5 1 2 0 4 T T 0 7 2	19 18+ 19+ 19 19+ 23	37565753865777675465	13133532222343332223333	1 2 0 1 2 1 0 0 2 1 1 2 2 2 3
DIVISION				39.4										4.17				2.0					

Ø DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION MEANS.

Table 3																				JANUA	RY 19	151
Station	Total	1 0 0	1 5 5	7. 7.0		10 111	100	Day of month	16	17 10	10 0	0 01	00	00 T	0.4	05	00	0.77	28 2	00 0	0 0	11
ABBOTT ALICIA ALUM FORK	D 1.96 D 3.35 B.33		4 5 6	7 8	9	10 11	12	13 14 15	16	17 18	19 2		.33	.43	0.02		7	7 .06	.03 2	.00	20 T	31
ALY AMITY 3 NE ANTOINE APLIN 1 W	2.43 0 5.70									•20 •D2 •55	.58	.05 T	+32 +24 +24 +41	.18 .23 .14	. 10 T	.04	.17	.12 .11	.05 2	.45 .	86 57 39	:
ARKADELPHIA ARKANSAS CITY ASHOOWN ATHENS	3.75 2.53 2.70									.55 .02 1.10	.90 .83 .28	* 4 5 T T	•30 •12 •56	.14 .09	.05 .05 .02	.03	.20	.10	.63	.75 .02 . .45 T	56	45 +
AUGUSTA BALO KNOB BATESVILLE LIVESTOCK BATESVILLE L ANO O ND 1	5.23 5.57 4.16 4.02									.30 .20 .62 T	.43 .79 .65	.05 T	+25 T +22	.05 .24 .17 .29	.05 .13	+04 T	Т	.10 .10 .06 .0y	.20 3 .05 3 .10 2	.15 .	4.5	•
BEATY LAKE BEAVER BEECH GROVE BEEDEVILLE BENTON	5 · 42 1 · 58 4 · 26 6 · 78 3 · 85									.90	.55 .21 .62 1.90		.05 .15	.31 .45 T	.13	.04	.04	.10 .07 .02 .07		.53 . .10 . .05 . .37 .	43	
BENTONVILLE BERRYVILLE & NW BIG FORK BIG LAKE OUTLET BLACK ROCK	1.55 1.58 4.41 7.17 3.04					т	т			.07 .03	•14 •21 •77 •40 •53	T T	•10 •31 •50 •01	.56 .53 .13	.19 .10	•10 •02		.05 .05 .15	.27 5	.13 . .23 . .65 1. .31 .	21	
BLAKELY MOUNTAIN DAM BLUFF CITY BLYTMEVILLE BOONEVILLE	4.56 2.38 5.73 1.69									+31 +70 +08	.40 .82 T .87	т	+27	.10 .02	T .22	.04 T		.07 .20 .32	.10 1 .01 3.02	.51 1.	76 65 50	:
BOUGHTON BRADFORO BRINKLEY BUFFALO TOWER BURDETTE	7.26 5.98 .91 7.65									.75 .09 .73 D.05	.40 .50 .35 0.50		.06	.22 .17 .30 .31	•24	.05		.08	.09 4 .21 3	.07 .	60	:
CABOT 4 SW CALICO ROCK CAMDEN 1 CAMP CHAFFEE	1 · 86 2 · 67 1 · 25									.96 .02 .67 .74	.65	.26	*21 *20	+26 +20 +23 +39	.16 T	T T	.05	.35 .18 .53	T 3	.31 ·	35	•
CARLISLE 1 5% CLARENDON CLARKSVILLE CLINTON COLD SPRINGS	1.38 2.45 1.72									•13 •35	1.25 .92 .11 .63		.34	.03 .23 .25 .10 .27	.30 .22	±02	T	.18	1	T 2	27 28	
CONWAY CORNING COTTER COVE	1.00									.50 T	.18 .50	•01	+32	.23 T	. 2D	T	.06	.19	.20 1	.40 .73	. 48 . 49 . 36	:
CROSSETT 7 S CRYSTAL VALLEY CUMMINS FARM DAISY DAMASCUS	3.32 4.97 3.52 3.21 2.54									1.07 1.36	.11 .10 .37	•05	•39	.69 .30 .53	.36 T		.81	.18	.34	. 79	. 76 . 55	
DANVILLE OAROANELLE DE OUEEN DERMOTT	2.33 2.34 1.71 3.06									•90	.73 .35 .1D	* O 8	.18 .19 .18	.33	.13	.0	•21 •08	.07	.89	.15	• 32 • 12	
DES ARC DEVILS KNOB DUMAS 1 EAGLE GAP	4.95 1.41 4.03 1.65									.30 .D4 i.18 T	+41	т	•15 •02 •13 •40	•11 •53 •50 •12	.30	Ť	T T	.22 .06 .80	+04 +02 T	. 70	.11	
EL OORADO CAA AP EUREKA SPRINGS EVENING SHAOE FAYETTEVILLE FAYETTEVILLE CAA AP	1.98 3.14 1.64	3								T +19	.20 .70 .05	• O 3	•09 •15 •15 •50	.30 .45 .27 .61	.02	.01 .32	.04	.36 .07	+12 1 T	.45 .49 .79	.31 .49	17 °
FAYETTEVILLE EXP STA FLIPPIN CAA AP FOROVCE 6 # FORESTER 4 WNW FORT SMITH WB AP R/	1.21 1.92 3.52 3.52 1.32									T .15 .36 1.05	.01	•05	• 60	.46	.14 .01	.03 T	.05 .22 T	.02 .07 .47	.50 T	.22 .18 .7 1.2.4D	• 3 0 • 1 7	.02
FT SMITH WATER PLANT FOUNTAIN HILL FULTON GEORGETOWN GILBERT	2 • 42 5 • 31 1 • 23				-		_			 .80 T	.25 .63 .10	.04	- +27 +12	.09	.05 T .18	- T T	-	.06 - .25 .15	+34	.38	- •27 •40	
GLENWOOO GRANN1S GRAVELLY GRAVETTE GREEN FOREST	2 + 6 5 0 0 1 + 4 5 1 + 7 5									.32 .31 0.10 T .19	.82 .59 0.62 .06	0.03	•23 •23 T •02	.18 T .27 .55	.05	• 0 1 T	•02	*14 T *12 T	•02 4	. 10	•11 •21	
GREEN MOUNTAIN GREENBRIER GREENWOOD GUROON	1.45				-		-			T T +42	.36 -33 .87	 .22 T .11	•62 - •50 •11	.19	- 12	- T		- 30	-	- 25 T	.31	
HAMPTON HARRISON HEBER SPRINGS 3 NE HECTOR HELENA	3.25 3.25 3.2 1.85 2.75	7								61.50 +07	.52 .48 D.56 1.17		.20 .03 .10	.17	.10		•10 •07	.06 .13	.08 i .11 .16	.04 (1.68 (· 0 3 · 6 4 · 2 4 · 6 3	
HENOERSON 2 W HOPE 3 NE HOPPER HORATIO HOT SPRINGS 1 NNE	2 • 25 3 • 40 2 • 45 3 • 10									.20 .69 .47 .51	.45 .55 .69	.05	•21 •26	. 12	T • 0 4	T T	. 01	+24	.01 .15 .27	.83 .12	7	
MUTTIG OAM INGEX JASPER JESSIEVILLE	2.30 1.50 8.79	B 5								*14 *50 T *32 *05	1.28 .55 .42 .46	.06	.44 .35	.63 .11 .47 .20	•12 •10 •11 •12 •07	.10	T	. 20		+25 +15 4	. 4 . 7 : . 95	
JONESBORO KEO LAKE CITY LANGEY LEAO MILL	2 · 0 4 · 7 5 · 5 7 · 1 · 6									1 • 37 T • 40 • 08	. 13 . 99 . 45 . 12	7	•12 •10	.23 Y .58		T T	.00	.23	.17 3	0 1 2 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	. 6 . 1 7 . 7 9	
LEE CREEK LEOLA LITTLE ROCK WB AP LITTLE ROCK FILTER PL	1 · 2: 2 · 6: 2 · 5 · 7: 5 · 8:	34 BI 77								1 + 2 9 1 + 1 5	• 22 • 83 • 02 1	. 6 4 T	•12 •20 •27	.38 .30 .28	Ť Ť	Ţ	15 .19	1 +21 +18 +27		. 58	59	
LOST CORNER LOUANN 2 SE LURTON MAGISON	2 · 2 · 3 · 3 · 1 · 2 · 5 · 8 ·	1									.16 .39			.20 T	+31 +51,	+ 32	.06	.13		.10 1	38 10 60 27	
MAGNOLÍA 3 N MALVERN MAMMOTH SPRING MARIANNA 2 S	1.91 3.21 1.55 4.2	5								.20	.70 .06 .53 .73		. 9	.15	•15		e U 3	. 33	+04 +08 1	.90 .	36	:

DAILY PRECIPITATION

Table 3-Continued

ARKANSAS JANUARY 1956

Canal	tal																Day	of m	onth																
Station	Tot		1	2	3	4	5	5	6	7	8	9	10	11	1	2	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARKED TREE MARSHALL MARVELL MELBOURNE MENA	7.1 2.4 3.3 0 2.7 3.3	3 8 3																				T T •20	.82 .81 .75 D.40 .47		D.35	•29	.08 .14 .25	•15 •71 •50		т	T •10	•43	3.82 1.68 2.25	.77 1.15	
MONTICELLO 3 S MOROBAY L ANO D NO 8 MORRILTON MOUNT 10A MOUNT MAGAZINE	4.78 3.28 5.89 6.11 1.77	8 9 1																				1.25 .58 .13 .30	.47 1.08 .75 .75	•03	•09	•10 •03 •11 •27 •41	.50 .21 .26 .17	•03 •11		T	.84 .15 .16	-13	.95 .29 3.96 2.62 .55	.62 .54 .19 1.75	
MOUNTAIN HOME MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY 6 NNE NARROWS DAM	1.48 2.59 1.36 2.73	B) 9														Ì						*14 T *02	.21 .40 .45 .34			•04 T	.35 .24 .38 .60	•20 •20 •10 •03	t .07		•11 •23 •27 •05	7 •04 T •17	.34 .25 .89 T		
NASHVILLE PEACH SUBSTA NATHAN 4 WNW NEWHOPE 3 E NEWPORT NIMROO DAM	3.15 3.05 3.32 5.78 6.73	5 2 8																				.70 * .03 .10	.75 1.20 2.47 .62	•02	•02	•26 •33	•16 •23 •50	.02 .20	•02 T		.31 .28 .15 .06	•25 •04	.15 .16 # 3.42 4.10	1.18	.88
ODELL ODEN OKAY OSCEOLA OWENSVILLE	4.97 5.50 2.27 6.90 4.11	7																				.05 .12 .95 .07	1.30 .56 .30 1.01 .45		•10 •05	1.80 .35 .41	•55 •22 •06 T	1.00 .05 T .14	-04 T	T •08	•25 •11	•02 •16	2.15 .29 3.92 .72	1.60	
OZARK OZONE PARAGOULD PARIS PARKIN	1.40 1.29 3.29 1.55 4.92	9																			Т	T .48	.43 .38 .15 .14		Ŧ T	•14 •02 •42	.44 .32 .02 .39	•15 •36 T	. O2	т	.01 .03 T		.06 .04 2.37 .10 2.10	•16 •73 T	
PERRYVILLE PINE BLUFF PINE BLUFF CAA AP PINE RIOGE POCAHONTAS 1	0 6.66 2.90 2.68 4.24 3.61	3																				.33 1.04 .16	0.43 .67 T .51	Т	T •08	•38 •06 •17 •31	.30 .32 .37 .12	•21 T T	•01 T •05	•10 •19	•30	.01 .06	4.71 .28 .67 2.20 2.00	•12 •61 •65 •45	•03
PORTLANO PRESCOTT RATCLIFF RISON ROGERS	3.66 2.80 2.13 2.82 1.55																					+42 +10	.97 .58 .52 .80		.08	•35 •18	.40 .24 .51 .47	•52 •02 •16 •07 •20	т	.03	•18 T •25	.52 .10 .05 .13	•03	• 72 • 80 • 22 • 63 • 03	+02
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM SEARCY	3.23 4.01 3.72 -	-		-	-	-	-		-	-	-	-	-	-		-	-	-	_	-	~	•40 •13 -	.30 1.30 .85 -	-	-	•29 T - T	•59 •37 -	.53	•02	-	•05 •26 -	•33 •10	1.53 1.75 - 4.34	.04 1.09 1.00 -	
SHERIDAN TOWER SHIRLEY SILOAM SPRINGS SPARKMAN 4 E STAMPS	5 • 00 2 • 23 1 • 17 2 • 80 2 • 86																					1.77 .10 .10 .61	.08 .19 .30 .80			•10 T •05 •70 •20	.22 .45 .50 .10	.19 .20 .12	-10		•19 •10 T •20 •45	•22 •10 T •20 •05	1.50 1.50 T	1.00 .10 .90 .43	
STAR CITY 2 S STEVE STUTTGART STUTTGART 9 ESE SUBIACO	3.71 5.01 3.19 3.76 1.60																						1.21 D.50 1.10 1.43			T •43	.52 .45 .23	•23 •32 •17			.30	•37 •19 •36	3.00 .05 .05	.77 1.51 .82 1.37	
SUGAR GROVE TAYLOR TEXARKANA W8 AP R// TURNPIKE WALORON	1.48 3.15 2.23	-		-	-	-			-	-	_	-	-	-	-	-	-	-	-	-	-	.67 1.33 — D.30	.75 1.06 - D.20	T - 01•	.07	•48 •32 -	.35 .23 .06 ~	.24 .04 .02	*05 T - T	• 0 4 T	•12 •10 -	.04 .06 T	.02 .15 -	•08 •44 -	<u>•</u> 07
WALNUT GROVE WALNUT RIDGE CAA AP WARREN WASHITA WHITE ROCK	3.66 4.23 4.47 4.70 1.56																					.43 .69 1.52	.13 .03 .41 .80		т	•10 •04 •10 •40 •10	• 20 • 05 • 42	T T	·07	T +04	T •24 •69	1.05	2 • 80 2 • 0 9 T	1.31 3.50 .07	
WHITECLIFFS WILSON WYNNE YELLVILLE	2 • 78 9 • 22 5 • 39 2 • 37																					• 48	1.00 1.60 1.15	Т	•22	•40 •07 •26	•15	T •39	T •25	•22	•20 •19		•10 5•50 3•59	.45 1.57	

DAILY TEMPERATURES

ARKANSA

Table 5		Т			-	-		-				_		*11	TILL							_									100	No AR	Y 1956
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	Of M	ionth 17	18	19	20	21	00	23	24	25	00	00	00]	- T	20]	01	Average
ALUM FORK	MAX	70	71 30	61	68	69	68	69	4.5 2.4	53	50	51	45	54	49	50	44	3.3	3.1	34	30	36	22	37	32	25 46	26	42	74	72 42	30	31	50.3
ARKAOELPHIA	MAX	61	6.7	67	64 26	6.8	70	64	48 25	53	53	55 30	51	52	51	59	20	39	34	33	33	29	3 1	29	35	26	50	48	76	73	26	50	28+5
ASHOOWN	MAX	69		65	66	72	71	68	52	53	56	61	56	54	55	61	51	26 44 26	3 e 3 8 2 8	34	25 34 22	31; 40 32	3 4 3	34 42 36	27 48 29	31 47 29	36 48 35	39 52 44	47 75 52	76	67	29 49 32	55+3
SALO KNOS	MAX	60		63	63	70	70	64	44	51	51	50	48 27	49	47 18	48	43	32	32	38 25	36 17	43	40	35	30	44 26	41	43	72	71	28 40 27	40	29+6 49+1 26+4
BATESVILLE LIVESTOCK	MAX	56 21	62	65	61	o5 31	74 32	72	41	48 15	49	51	50	46 17	52	50	46	30	31	31	36 10	40	41.	36	29	30	39	36	53	72	43	41	47.6
BATESVILLE L AND D NO 1	MAX MIN	60		62	63	71 27	70 8	66	45	>0 14	49	50	47	5_	47	45	4	39	32	35	40	43	44	37	32	40	38	40	73	70 39	41	41	49.2
8ENTON	MAX	63			65	67	70	53	47	53 14	52 19	53	47	52	51	55	40 23	33	32	36 27	27	29	35	30	22	28	31	35	75	70	46	44	53.8
8ENTONVILLE	MAX	58 39		57 22.	63 27	70 30	59	44	+6 17	50 18	38 18	37 16	40 16	51 13	51	41	26	34	30 25	30 19	41	42 16	40	37	28	35	35	48	69	50	35 15	45	*4 · 8 23 · 4
8LYTHEVILLE	MAX	58 32		5.7 3.2	60 33	69 35	65	49	41 18	41	45 21	37	3 5 2 6	45	4 8 2 C	42	37	32 19	33	36 29	38	42 29	36 28	34	31	36	37	4.7 32	65	64	39	41	45.2 27.1
800NEVILLE	MAX	63		60 24	70 20	77 26	12	62	50 21	53 15	51 25	54 23	48: 17	55 14	55 31	46	37	33	34	34	33	37	40	41	36 26	4 B 2 7	43	43	77	69	45	41	50 • 7 26 • 4
BRINKLEY	MAX MIN	59		62	63 28	67 34	70 35	68	45	45	50 21	47	4.2 2.8	48	48 17	51 24	45	33	33	35 28	35 29	49	48 35	37 25	32	41	42	43	70	69	43	43	49.3
CAMOEN 1	MAX MIN	55 21		67. 31	67 25	68 25	73 29	74 40	58	50 18	52 19	55	57	49	55 19	57	62 28	50	39	35 31	34	40	50 35	45 35	36 27	36	53	48	64	76 60	78 34	56	55.0
CAMP CHAFFEE	MAX MIN	55 23	62 31	62 22	60	66	70 24	72 23	4·7 20	48	53 18	49	53	47 14	55 15	49	42 16	31 16	33	33	29	31 15	3.7 3.0	40	37 27	34 26	47	3 8 3 4	69	69	71	40	49 • 3 22 • 2
CLARKSVILLE	MAX	62		63 24	66 22	70 27	72 31	61	50 17	53 18	54 26	56 23	54 15	54 17	50 30	46	37 15	34	34 28	34	30 16	38 28	42	41	35 25	48	4 z 3 z	42	77 41	69 39	44	42	50.4
CONWAY	MAX MIN	62	64	64 32	67 27	70 31	7 3 3 4	66	48	50 20	52 27	54 31	50. 25	54 22	49	50 25	43	33	33	34	32	40	40	39 31	32	46	44	43	76 43	72 43	43	41	50.5
CORNING	MAX MIN	54	54 38	60 2 7	59 29	60 32	70 31	64	3 7 2 1	42	46 21	45	39	38 27	47 21	46	40 17	31 19	31	31	3 8 1 6	40 17	46 26	35 24	30 17	27	35 27	37	50 35	66 38	38 26	39	44.4 25.1
CROSSETT 7 S	MAX	60	70 38	65 34	67 26	72 32	73	67 41	50 25	51 19	55 20	53	49	53 18	56 16	64	59	43	40 31	3.8 3.3	4.7 3.0	56 32	53 42	45 35	36	49	51 29	53	73 52	77	75 37	55 31	56.6 32.1
CUMMINS FARM	MAX MIN	60	67 38	62 30	66 32	70 32	70 43	60	45	47 20	5 1 2 5	48	44	48	5 1 2 1	59 29	50	3 5	34 30	36 29	3 7 3 1	50 32	47	44	34	48	4.7	47	70 38	74 57	60	48	51.9
DAROANELLE	MAX	65	64	64 28	69 25	74 30	75 34	62 31	49	54 18	55 26	54 30	50	54 19	54	50 28	38	34 25	34 29	33	32 12	3 9 3 0	40	40 32	34 25	46	43	42 35	76 42	68 43	49	41	51.0 27.4
DE QUEEN	MAX	62	72 30	69 27	68 22	73 27	74	60	54 24	58 15	5 7 1 8	64	63 18	59 18	56 27	5 9 2 5	45	38 28	34 30	41	33 22	41	43	42 37	38	54 31	48	47 38	74 45	73	48	49	54.7 27.7
DES ARC	MAX	60	61	64 26	64	64 28	69	70 25	43	44 18	48	5 1 2 7	49	44	49	50	20	34	33	33	36 19	34	50 32	48	35 18	35 18	43	39 30	58 36	70 53	73 26	38	49.5 25.0
DEVILS KNOB	MAX MIN	56 33	61	59 40	60 38	67 48	64 49	53 21	46	5 1 2 7	45	49	49	50 25	45	40	30	31 18	29 23	33	37	35 23	34	33 25	30 19	37 20	33 25	38 29	66	62 33	38 17	3 7 1 8	45+1 26+4
DUMAS 1	MAX	62	-71 38	62 31	68 29	72 34	72 45	56 31	46	4.8 2.6	5 1 2 5	46	45	45 21	52	62	48 27	39	35 30	38	39 31	50 30	46 34	44	41	5 1 3 1	5 O 3 3	50 36	71 47	77 66	70 32	49	53.4 30.9
EL DORAGO CAA AP	MAX	63 29	71 40	66. 36	67 28	72 41	74 43	53 32	49	51 22	54	56 30	48 27	5 2 2 4	57 22	63	26	39 25	34 30	3 4 3 1	45 28	55 33	46 41	48 31	35 27	53 33	49	60	75 53	78 50	51 35	55 31	54.7 32.4
EUREKA SPRINGS	MAX	58 36	59 34	5 7	65 36	75 48	66 42	52 19	47 19	53 22	44 21	39 19	42 12	50 19	52 31	45	29	32 12	30 25	34 20	44	46 23	41 32	36 24	3 l 1 8	34 22	35 26	4.4 3.2	71 40	60 31	36 16	40	46.7 25.1
FAYETTEVILLE	MAX MIN	58 38	5 7 3 3	56 26	62 33	69 45	62 30	49 21	50 21	50 19	39 22	43	43	5 4 1 8	5 O 3 S	41 25	27	35 20	31 25	31 19	4 1 1 6	40 22	40 34	38 27	30 25	36 27	3 8 3 0	49 35	70 48	53 32	36 19	46	45.9 26.1
FAYETTEVILLE CAA AP	MAX MIN	58 41	60 26	56 21	63	71 33	63	43	51 17	49	40 18	43 17	43	56 13	50 35	40	24	36 20	30 24	30 16	42	41	4 1 3 3	3 3 2 7	30 27	37 30	40 31	51 36	72 45	46	36 19	47 14	45.9
FAYETTEVILLE EXP STA	MAX	5 7 3 5	57 30	56 21	62 28	70 41	63	50 19	52 15	49	45 18	43		54 15	50 32	42 23	29	3 2 1 7	32 23	3 3 1 7	40 10	41 18	40 31	39 24	31	35 25	3 7 2 7	50 32	71 45	54 31	35 17	47 18	46.4 23.1
FLIPPIN CAA AP	MAX	61	59 33	58 25	67 29	75 26	64	41 25	4.5 1.2	52 14	46 26	48	46 21	49 14	48 18	40 26			32 27		3 9 7	42 18	3 7 3 2	33 21	24 12	36 23	36 24	39 31	74 38	49 30		40 17	45.5
FOROYCE 6 W	MAX	62 35	67 40	65 38	66 31	69 39	70 45	60 35	48 24	51 21	52 27	53 30	48.	52 26	52 26	60 34		37 23	35 30	34 29	34 28	46 30	42 34	42 32	3 3 2 5	51 31	47 35	4.8 3.9	74 47	77 66	74 31		53 • 4 32 • 8
FORT SMITH WB AP	MAX	62 30	61 36	61	66 25	72 29	73	4.8 3.0	49 23			5 2 2 3	46	54 18	54 29	42 31			33 27	27 16	30 15			38 34	34 27	45 29	3 7 3 5	4.4 3.5	74 44	54 30	38 25	40	47.6 27.4
FT SMITH WATER PLANT	MAX		62 25			69 23	75 27		51 14		5 2 2 1	52 23	54 13	54 15	52 25		35	34 22	35 27	3 8 2 2	3 9 1 3	40 19	43	43 32	40 23	43 25	4 l 3 l		74 40	70 39	46 22	44	50.9
GIL8ERT	MAX		65 28		69 26	77 22	68	57 20	49		4.8 1.8	49	45 23	51 11	50 15	43 25			34 27	35 27	4 5 5	45 18	41 27	36 27	29 16	41 24	38 29	40 32	75 40	72 37		44	49.6 21.7
GRANNIS	MAX MIN		6.8 3.7			66 35		64 36	50 21	53 22	52 30		59 26	55 28	51 27	54 28	43	38 25	38 25	36 18	31 22	40 27			41	51 28	46 34	45 36	71 43				51.6 29.6
GRAVETTE	MAX MIN		5 7 2 5	57 19	65 23	70 40	58 32	50 18	51 16	49 18	3.8 2.0	42 15	42	55 20	51	~0 21	25	33 18	29 22	3 <i>2</i> 16	44	45 14	4 1 3 3	37 26	29	35 26	36 25	4.8	67 46	49	35 14	20	45.6 22.4
GREEN MOUNTAIN	MAX	58 30	28	5.2 30	28	58 30	36	28	4.8 30	50	42	40 22	38	3 8 2 6	24	20			28 12	3 O 2 Z	28 18	34 22	2.2	30 20	28	2 2	30	34	38	62 32	40 28	34 28	25.0
HARRISON	MAX	60 29	59 32	58 20	69 25	75 30	65	53 18	45	51	46	42	43	50 11	47 19	47 27	29	32 16	31 23	32 20	34 13	35 21	40 25	3 5 2 2	27 16	38 18	35 23	38 29	74 33	65 30	37 18	40	46.2 20.6
HELENA	MAX	56 33	64 39	61 35	62 35	69 34	68 42	6 5 2 8	56 25	45	45 26	45 32	38	46 26	50 25	54 30	48 27	36 23	35 32	38 32	36 32	49 33	4.8 4.0	4.4 2.7	37	4 1 3 1	4.4 3.2		68	69 48	58 32	4.7 2.7	50.5 31.7
HOPE 3 NE	MAX		64 35	71 34	69	67 31	72 31	73 39	49	50	53	55 24	59	5 3 2 4	53 24	56 25	62 25	43 25	36 27	33 28	3 <i>2</i> 28	33 28		42 35	3 7 2 8	3 4 2 8	5 3 3 3	45	64	77 63	78 30	4.4 3.0	53.9 30.1

See reference notes following Station Index

Table	5.	Continued

DAILY TEMPERATURES

ARKAN A

																Day	Of M	lonth					_										9
Station		1	2	3	4	5	6	7	8	9	10	11	12	13		15			18	19	20	21	22	23	24	25	26	27	28	29	30	31	Averag
STUTTGART 9 ESE	MAX	50 26	59	65	62	63	68	69	44	71	47	50	45	42	48	50	55	35	34	33	34	34	47	43	3.2	35	40	45 36	52	68	67 31	40	4d+4 28+4
SUBlaco	MAX MIN	62	62	61	6.8	70	76	51	5.	53	5.2	54	51	5.5	~ '7	44	40	3.4	3.3	3.2	3.5	39	40	40	3.4	46	43	6.2	7.7	7.1	64.64	43.	50 · L 27 • 9
TEXARKANA W8 AP	MAX MIN	64 38	70 38	67 38	67	73 39	73 47	5.5 3.4	2.8	52	54	50	53 27	55 28	57	60 32	53	38	33	32 25	34 29	42 33	4 4 1	41 34	3 5 3 1	52	45	63 43	77	79	42 31	51 32	53+8 34+0
TURNPIKE	MAX MIN																																
waloron .	MAX MIN	62	67 28	61	69	74 27	71	67	5	5.1	50	53 18	46 13	55 13	5.7 2.1	53	15	32 17	32 26	35	38	37	39	38 31	36	49	45	43 34	76 41	71	46	45	51+3
WALNUT RIOGE CAA AP	MAX MIN	61 32	60 37	60 30	58 29	69 33	65 32	44	43	48	47	44	43 27	4 b 21	46 20	39	29 17	30 22	31 28	35	40	43	34 28	30 18	26 16	39 26	36 26	42 32	69	57	38	40	45.0
WARREN	MAX MIN	62 31	69	65 37	67 35	72 40	71 49	5 7 4 1	49	51 22	52	49	4.4 2.8	52	55	63	49	40	36 30	34	41	52 34	46	42	34	53 32	49	50	73 50	77	72 33	52	54.1 33.5
WHITE ROCK	MAX M1N	53 34	5 9 3 6	59 45	57 37	62 46	67°	53 22	45	50 29	44	47	49	49	44 23	3 y 2 6	28	29 18	30	30 19	38	35 23	3.6 3.2	34 28	31 18	34	33	39 29	65 38	60	41	39	44.5 27.6
	MAX MIN	5 8 2 2									18	31	28	45 17	52 19	29	42	34	34	36	39	45 31	44	36 24	32 18	37 27	39	46	66	65	29	46	47.9
	MAX MIN				65 25																												45.8

Table 6

EVAPORATION AND WIND

S																1	Day o	mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLAKELY MOUNTAIN OAM	EVAP WINO	- 34	- 64	39	* 51	38			.0B 86		29	# 99	66	* 37	* 26	# 47	107	80	63	79	40	37	40	.51 86							138		1.348
HOPE 3 NE	EVAP WINO	- 9	.02		.14				9.8	24	75	20	-	-	15	* 8	26	9 44	67	# 14	2		1.20		52	10			- 31	- 56			2.711
NARROWS OAM	EVAP WINO		.16	.07 51		24	25	* 42	* 53	26	* 22	* 53	* 31	e 27	* 23	* 54		40	38	* 33	21		1.08		25		.04		35		.19 94		2.01
RUSSELLVILLE	EVAP							.11		- 9	10		.04	.06	.02	.08	48		2	* 4	* 2	0 0	4	10	21	19	25		. 7 2	10	29		1.45

Table 7						_																	_							JANUA	anı.	.990
Station				1	T		_		1	1				T	Γ		of m						00		24	25	26	27	20	20	20	31
	SNOWFALL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	4.0	20	21	22	23 T	24	25	26	27	28	29	30	31
BLYTHEVILLE 8RINKLEY	SN ON GND																			-	-	-	-	-								
	SN ON GND																			5.3	-			2.0	3.0	т						
CALICO ROCK	SN ON GND																			5.1	-	-	-	-	-	-						
CORNING	SN ON GND																		0.1	6.5	-	-	-									
DANVILLE	SN ON GND																		T	6 T	6	4	2	T	Т	T	Т					
DUMAS 1	SNOWFALL SN ON GNO																	т	0.8													
EL DORADO CAA AP	SNOWFALL SN ON GND																	Ť	T	2.5				3.5	1.8	2.0		Т				
EUREKA SPRINGS	SNOWFALL SN ON GNE																		, ,	2	-	-	-	3	4	4	4	Ť			T	
FAYETTEVILLE EXP STA	SNOWFALL SN ON GNO																	T	1.0	1	Т	Т	Т	4.0	3	T	Т	Т				T
FORT SMITH WB AP	SNOWFALL SN ON GNO WTR EAUIV	}																T	3.0 T	3 0,4	2	1		T	T							
GIL8ERT	SNOWFALL SN ON GNE																		0.5	5.5	2	~	3	2.0	2.0	2	Т	Т				
GRAVETTE	SNOWFALL SN ON GNO																	T	2.0	1.0	-			4.0	3.5	-	-					
HOT SPRINGS	SNOWFALL SN ON GNI				į														2.5	0.5	T	1										
JONES80RO	SNOWFALL SN ON GNO																			5.0	-	-	-	-	1.5	-	-					
LITTLE ROCK W8 AP	SNOWFALL SN ON GNE WTR EGUIN					1													2.0 T	0.2	T 1	0.1 T		0.5	т	Т						
MAGNOLIA	SNOWFALL SN ON GNE														i					0.5												
MONMOUTH SRRING	SNOWFALL SN ON GNO																		2.0	5.0		-	1	4	5	4	2	1				
MARIANNA	SNOWFALL SN ON GNO																		T -	-				2.8	-	-						
MARKED TREE	SNOWFALL SN ON GNE																			- 2	Т	Т	Т		2.5	2	т	-				
MENA	SNOWFALL SN ON GNA	1																		6	-	-	-	-								
MOUNTAIN HOME	SNOWFALL SN ON GNO																		1.4	2.1	2			5.5	5	4	3					
NEWPORT	SNOWFALL SN ON GNI				Ì														T _	5.0	-	-	-	T _	2.5	-	-					
OZARK	SNOWFALL SN ON GNO																			4	_	_	_									
PINE BLUFF CAA AP	SNOWFALL SN ON GNI																		Т	Т				T	Т	Т						
POCAHONTAS 1	SNOWFALL SN ON GNI																			5.5	_	-	_	-								
PRESCOTI	SNOWFALL SN ON GNI																		-	-	-	_										
ROGERS	SNOWFALL SN ON GN																		1.1		1	Т		4.3	1.E	3 4	2	т			Т	
SEARCY	SNOWFALL SN ON GNI																		1	- 2	_	-			- 2		-					
SHERIDAN TOWER	SNOWFALL SN ON GNI																		-	_												
TEXARKANA W8 AP	SNOWFALL SN ON GNI																	Т	1.0 T		Т	_T										
WALDRON	SNOWFALL SN ON GN																		3.0	1		1	Т									
	JIV UN GN	1																	3	3	,	1	,								L_	1

			1			Obee				. 1					Obser-		JANUARY 1936
Station	Index No.	County	Drainage 1	Longitude	Elevation	Temp.		Refer to tables	Station	Index No.	County	Dramage: Lathude	Longitude	Elevation	Temp Precipe dina	Observer	Refer to tables
Abbott Allcis Alus Fork Aly	0064 0130 0136	Scott Lmerence Saline Yell Clark	I 35 04 7 35 54 I 34 48 3 34 47	91 05	5 256 2 755 9 85-4	5P	7A James V. Williams 7A Ruby B. Owens 5P L. R. Mater Works 7A Gurn B. Seats 7A Mrs. Alta F. Garcer	3 3 C 2 3 5 C	Lurton Wadison Magnolis 3 N Wagnolis 5 N	4528 : 4548 : 4550 :	Neston St. Francia Columbia Columbia	4 33 19 4 33 2D	90 43 93 14 93 13	2007 215 315 360	7A Lo 6P 7A Er #1D Ar	ola i Dollar ores %, Josea ari E. Graham rk. Per & Lgt Co.	3 3 2 3 5 7
Amity 3 ME Antoine Aplin i M Appieton Arkadelphia Arkannae City	0178 0188 0198 0220	Pike	3 34 02 1 34 58 1 35 25 3 34 07 2 33 37	93 25 93 06 92 53 7 93 03	5 285 0 400 3 522	6P	SA Dree A. Lasb 7A Hobart Watta John A. Jones 69 Hillsan E. Lawrence 8A John W. Trammell	3 C 3 C 2 3 5 C	Makvers Waanoth Spring Warlauna 2 5 Warked Tres Warshall earveil	4572 : 4638 : 4654 : 4666 :	Fulton Lee Poinaett Searcy Phillips	3 34 23 7 36 29 5 34 44 5 35 32 7 35 54 7 34 33	90 45 90 25 92 38	311 - 90 - 234 - 229 - 1050 - 195	35 7A Jo op 6P th	slvern Fire Dept. obn 8. McKes siv. of Arkanasa illias M Crick minnia Horton terlin Walls:0	2 3 5 2 3 5 7 2 3 5 7 2 3 5 7 2 3 5 7
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REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of numbers with-

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issue of this bulletin.

Montbly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tahles, hut for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles, Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time,

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent semples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of Arkansas may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a sbelter located a few feet ahove sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a huilding.

 Gage is equipped with a windshield.

- Gage is equipped with a windsbield.
 Data hased on observational day ending hefore noon.
 Adjusted to a full montb.
 Data for recorded stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 incbes of new snowfall.
 One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted: to represent the value for the full month.
 Amounts from recording gage. (These amounts are essentially accurate hut may vary slightly from the amounts to be published later in Hourly Precipitation Data).
 Trace, an amount too small to measure.
 Includes total for previous month.
 This entry in time of observation column in Station Index means observation made near subset.
- R

Subscription Price: 20 cents per copy; montbly and annual, \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders should be made payable to the Buperintendent of Documents. Remittances and correspondence regarding subscriptions should he sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC, ASHEVILLE, N. C. -- 3-7-56 -- 1005

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CLEMSON COLLEGE LIPPARTMENT

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

FEBRUARY 1956 Volume LXI No. 2



ARKANSAS - FEBRUARY 1956

WEATHER SUMMARY

The outstanding characteristic of the weather during February was the heavy rainfall. Temperatures averaged warmer than in most Februarys. The heavy rains halted the field work, replenished the soil moisture, and filled the ponds and cisterns. Fall grains improved and early spring grass greened. Livestock improved and milk production increased.

The first twelve days of February were relatively cool over most of the State. Most stations registered their lowest temperatures during the first week. Monthly minimum temperatures were mostly in the 20's. The coldest temperature for the month, 17°, occurred at Gravette on the 2d and 3d. Southerly winds brought rapid warming on the 13th and 14th and maximum temperatures reached the 70's at many stations. A cold front passage on the 15th dropped the temperatures temporarily hut warm air returned on the 17th with the maximums at Little Rock and Texarkana reaching 69° and 74°, respectively, on that date. Temperatures on the 18th to 22d were near seasonal as the cold air advanced southward but southerly winds warmed the State again on the 23d and 24th. Warm weather persisted to the end of the month except on the 28th when temperatures were slightly below seasonal. Most stations registered their warmest temperatures on the 24th or 27th. Monthly maximum temperatures were mostly in the upper 70's. They ranged from 68° at Mt. Magazine on the 24th to 83° at Crossett on the 16th and at Lead Hill on the 24th. Monthly mean temperatures ranged from 40.1° at Mountain Home to 53.3° at Crossett. Monthly mean temperatures were above the long-term means at almost all stations. Monthly mean temperature departures ranged from -1.4° at Prescott to +6.7° at Grannis.

Generous rains fell over Arkansas during the first ten days of Fehruary and from the 15th to the 19th. Lesser amounts fell on some other days. Daily amounts in excess of two inches were quite common during the first few days. The greatest daily total, 5.54 inches recorded at Hot Springs 1 NNE on the 15th, resulted in a flash flood. Montbly totals exceeded six inches over the entire State except a few counties in the extreme northwest. Mucb of the State received more than eight inches of rain during the month. Several counties received more than ten inches and precipitation exceeded twelve inches at a few stations. The greatest montbly total, 16.03 inches occurred at Hot Springs 1 NNE. The least monthly total, 2.49 inches, fell at Gravette. Precipitation was above the long-term means at all stations in the State. Most stations received more than twice their long-term means and a few received more than three times their long-term means. Precipitation at Fort Smith, Little Rock, and Texarkana exceeded the normals for those stations by 77%, 162%, and 34%, respectively. Several northern counties received an inch or more of snow. The greatest snowfall amount, 8.0 inches, fell at Fayetteville and White Rock. Numerous thunderstorms occurred during the period 15th to 17th and especially severe thunderstorms occurred early on the 25th.

The almost continuous rain, sleet, and snow during the first few days of February halted all field operations. The rains replenished the soil moisture and raised the water level in ponds and wells. Cool weather bampered field work during the second week and the excessive rains from the 15th to 19th again brought outside farm activities to a standstill. The meadows and pastures greened and winter crops made some growth. Farm activity accelerated during the mild weather of the latter part of the month. The low ground was still too wet for tilling. Winter grains progressed. Cooler weather was needed to retard fruit hud development. The mild fair weather during the last few days was favorable for farm work which included plowing and soil preparation for planting, and orchard work. All vegetation looked good, livestock improved, soil moisture was adequate, and the cisterns and ponds were filled.

STORMS

Several tornadoes and severe storms which may have been tornadoes occurred on the night of the 14th and in the early morning of the 15th. Between 10:30 and 11:30 p.m. on the 14th, a tornado caused \$50,000 damage along a 32-mile path in Pope, Conway, and Van Buren Counties. The most important damage occurred near Moreland in Pope County, three miles south of Cleveland in Conway County, and in the Rabbit Ridge area of Van Buren County. Five persons were injured by the storm and one was killed. At ahout 10:30 p.m., a tornado destroyed one bouse, damaged two others, and destroyed a brooder house near Evening Shade, Sharp County. The loss was estimated at \$8,500. At ahout 10:45 p.m., on the 14th, a windstorm, which may have been a tornado, destroyed a house, harn, and brooder house, killed 1,700 chicks, and damaged a home in the Melbourne vicinity, Izard County. The property loss from this storm was not estimated. At about 11:50 the same evening, a tornado caused \$38,000 property damage in the Sardis area. On the following morning, shortly after midnight, a windstorm, which may have been a tornado, destroyed six bomes in the Sugar Loaf Mountain area, Cleburne County. The loss was estimated at \$18,000.

At 7:30 a.m. on the 16th, a tornado five miles north of Marvell, Phillips County, damaged two houses and an automobile. An indication of the force of this tornado was a four-inch post driven through the hody of an automobile. About noon on the 16th, hail and wind associated with a severe thunderstorm, left \$5,000 damage to crops and \$1,000,000 damage to other property in the Beebe-Antioch communities of White County. Gusts reached 50 miles per hour at the airport. At about 7:30 p.m. wind and bail associated with a severe thunderstorm caused \$5,000 crop damage and \$1,000,000 damage to other property in Miller and Hempstead Counties. Lightning and wind caused \$1,000 damage 1 1/1 miles south of Monticello, Draw County, ahout 8:00 p.m. on the 16th.

Strong gusty winds occurred over most of the State from the late evening of the 24th to about 4:00 a.m. on the 25th.

Reported damage totaled \$256,350. The most important damage occurred in Benton, Carroll, Boone, Marion, Baxter, Lawrence, Clay, Greene, Craighead, Franklin, Pope, Conway, Faulkner, Cleburne, White, Polk, Pulaski, Lonoke, Prairie, Lee, and Cleveland Counties.

Lucius W. Dye

FLOODS

General, moderate to beavy, rains over Arkansas during the periods from January 29th tbrougb February 3rd and from February 15th tbrough the 18th, caused minor flooding on the Lower White, Black, Ouachita, Little Red, and Caddo Rivers and tbeir tributaries. The White River at Augusta was at flood stage on only one day, the 21st; at Georgetown from the 20th tbrough the 24th, and again on the 26th; at Des Arc from the 21st tbrough the 27th; at Clarendon from the 9th through the close of the month; and at St. Charles from the 13th through the close of the month. The Black River was above flood stage at Black Rock from the 18th through the 21st. The Little Red River was above flood stage at Heber Springs on the 2nd, 3rd, and the 18th, and at Judsonia from the 2nd through the 5th and the 18th through the 21st. The Ouachita River was above flood stage at Arkadelphia on the 3rd, the 9th, and on the 18th and 19th, and at Camden on the 6th and 7th, 11th through the 14th and the 20th through the 25th. The Caddo River was above flood stage at Glenwood from the 2nd through the 5th and the 17th through the 20th.

Damage from these overflows was negligible, except for some inconvenience due to closed bigbways. The only damage reported on the streams was \$400.00 to a small eastern dam at Batesville caused by stages three feet below flood stage. It is estimated that a possible flood damage of \$6,000 was avoided at Judsonia as the direct result of timely warnings issued by the Weather Bureau.

A flash flood, resulting from an excessively heavy local rain, at Hot Springs National Park on the morning of the 15th, caused an estimated property damage of \$250,000 and one death. A total of 5.54 inches of rain fell in about 5 hours with the greater portion falling in a 2-bour period. This storm was extremely localized with surrounding stations, some within a radius of 7 miles, reporting amounts of less than 1/4 inch for the same period. This storm was not as severe as one that gave 9.01 inches during a 4-hour period on May 14, 1923.

Damage as a result of this flooding was not extensive in that it did not seriously affect real property or public utilities. Losses were generally confined to stock and supplies in business establishments in the downtown district. Many parked automobiles were moved and damaged by the surging waters. Only one small bigbway bridge, about a mile east of the city, was washed out.

SUPPLEMENTAL DATA

ARKINJ BRUARY 195

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave			Numb	per of d	sys with	precipi	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12: 31:4 - 1	6:30A CST	12:3 P CS	6:30P CST	Trace	60'-10	1049	99 09	1.00-1 99	2 00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to st
FORT SMITH W8 AIRPORT	ENE	17	8.1	56	W	25	83	88	70	7.2	3	1		1	1	1		4.3	6
LITTLE ROCK W8 AlRPORT	NNE	10	9.9	42	NW	25	82	88	71	7.2	3	3	7		1	1 3	1.6	4	7.1
TEXARKANA W8 AIRPORT	-	-		-	-10	-	-	-	-	-	4	2		1	3		4	-	-

CLIMATOLOGICAL DATA

TABLE 2

					Ten	pera	ture										P	recip	itation				
					0 00 03					60	N	lo. of	Day	/3		0 20 0	>		Snow	Slee	t	No.	of Day
Station		Average Maximum	Average Minimum	veraĝe	Departure From Long term Mean	Highest		vest	6	egree Days	M.			in	tal	Departure From Loug- term Mean	eatest Day		To .	r. Depth Ground	te	or More	or More
		Av	Av	Ave	De Fr	Ě	Date	Lowe	Date	Dec	90° Abo	32° or Below	32° or Below	Belo	Total	Fr te	ő	Date	Total	Max. on G	Date	=	.50°.
HIGHLAND DIVISION																							
ALUM FDRK ASHDDWN BENTDNN BENTDNNULE BDDNEVILLE CAMP CHAFFEE CLARKSVILLE CONWAY DARDANELLE DE DUEEN DEVILS KNOB EUREKA SPRINGS FAVETIEVILLE CAA AP FAYETIEVILLE EXP STA FILIPPIN CAA AP FORT SMITH WB AP FI SMITH WATER PLANT GILBERT GRANNIS GRAVETTE GREEN MOUNTAIN HARRISON HOPE 3 NE HOI SPRINGS 1 NNE LEAD HILL LITTLE RDCK WB AP MALVERN MAMMOTH SPRING MARSHALL MENA MORRILTON MOUNTAIN HOME MOUNTA	AM AM AM AM AM AM AM AM	56.0 55.8 63.2 53.0 51.0 52.6 59.5 57.3 53.7 53.7 53.8 57.1 55.6 55.8 49.0 53.7 50.6 59.2 57.1 50.6 59.2 57.1 50.6 59.2 57.3 57.3 57.2 57.3 57.3 57.3 57.3 57.3 57.3 57.3 57.3	36.5 40.3 35.4 30.2 35.6 31.8 37.7 33.3 37.7 33.3 31.3 32.6 33.0 31.3 31.3 32.6 31.3 32.6 31.3 32.6 33.0 33.6 33.0 33.6 33.0 33.6 33.0 33.6 33.0 33.6 33.0 34.0 34.0 35.0 36.0 36.0 36.0 37.0 38.0 38.0 38.0 39.0	46.4 50.5 46.5 41.4 46.5 43.0 46.5 41.6 42.9 41.9 42.9 41.9 42.9 41.9 42.8 41.9 42.8 43.0 51.8 40.8 41.9 42.9 43.0 51.8 40.8 40.8 40.8 40.8 40.8 40.8 40.9 40.0	1.6 3.0 1.6 3.0 1.6 1.8 1.5 0.6 6.7 2.4 1.3 1.5 3.8 1.6 2.9 1.8 1.1 2.4 2.7 2.1 4.3 3.1 5.1 5.1	75 800 77 810 800 809 807 77 810 802 800 722 788 181 822 78 800 77 75 81 827 77 75 81 827 77 75 81 77 97 72 72 72 72 72 72 81 77 97 72 72 72 72 72 72 72 72 72 72 72 72 72	24 24 24 24 24 24 24 25 24 24 24 24 24 24 24 24 24 24 24 24 24	26 27 27 22 18 25 23 25 24 22 20 20 21 18 23 26 27 28 20 20 21 28 22 20 20 21 21 22 20 20 21 21 22 20 20 20 21 21 22 23 24 24 26 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	7 3+ 29	533 426 543 682 533 532 537 551 639 661 663 661 663 661 663 661 663 661 663 663			11 20 13 14 16 10 12 16 16 17 19 15 13 14 10 16 16 17 19 17 14 10 16 16 17 17 11 11 12 22 16 14 17 11 11 12 22 16 14 17 11 11 12 16 16 14 17 11 11 12 16 16 14 17 11 11 12 16 16 14 17 11 11 11 11 11 11 11 11 11 11 11 11		8.65 7.40 12.21 3.22 7.01 6.44 7.64 9.97 8.84 6.99 6.47 4.26 4.12 4.26 7.74 V 9.26 7.76 8.58 11.02 8.59 16.90 6.91 7.71 8.58 8.58 6.90 6.91 7.11 8.59 8.58 6.90 6.91 7.12 8.56 6.90 6.90 6.91 7.15 7.28 8.56 6.90 6.90 6.90 6.90 6.90 6.90 6.90 6.9	3.54 0.35 6.18 5.68 2.69 1.44 1.86 2.43 4.85 0.29 3.81 1.58 12.37 6.81 4.61 6.62 3.54 3.70 5.39 4.56 4.56 4.56 4.56 4.56 4.56 4.56 4.57 4.56 4.57 4.56 4.57 4.56 4.57 4.56 4.57 4.56 4.57 4.56 4.57 4.56 4.57 4.56 4.57	3.00 3.16 2.18 2.18 2.26 2.12 2.77 2.85 1.95 2.85 1.52 1.23 2.12 2.37 2.85 2.89 2.67 2.80 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.1	2 2 1 3 1 2 15 1 17 2 2 2 2 2 17 1 1 2 2 17 2 2 2 2 2	0.0 0.0 0.0 1 0.6 0.2 1 0.0 3.2 5.5 8.0 4.0 0.0 0.0 0.0 0.0 0.0 1 1 0.0 0.0	0 0 0 7 4 7 T 0 0 0 0 0 2 2 2 1 1 1 2 0 0 0 1 0 0 0 1 0 0 0 0	11	15 9 9 14 10 11 12 10 0 11 1 12 10 0 11 1 12 10 11 1 12 10 11 12 12 12 12 12 12 12 12 12 12 12 12	3 3 4 2 5 4 4 5 7 7 3 5 6 3 4 6 6 7 5 5 5 4 6 6 6 6 5 5 5 5 2 5 1 5 4 5 4
DIVISION DELTA DIVISION ARKADELPHIA		59.6	39.4	49.5	3.6	77		25	7 7	450 554			8 [6	00	7.75 0.92	3.93	1.45		0.0	D		13	
BALD KNDB BATESVILLE LIVESTDCK BATESVILLE L AND D NO 1 BLYTHEVILLE BRINKLEY CAMDEN 1 CORNING CRDSSETT 7 S CUMMINS FARM DES ARC DUMAS 1 EL DDRADD CAA AP FORDYCE 6 W HELENA	АМ АМ АМ	54.9 52.2 54.9 54.0 56.4M 61.4 48.4M 65.2 58.8M 53.8 60.8 62.3 61.3 58.7	36.3 30.2 34.9 36.6 38.6 38.4 34.6 41.4 39.4 40.0 39.7 40.6	45.6 41.1 44.7 45.3 47.6 49.9 41.5 53.3 49.1 50.4 50.8 51.1 49.7	1.9 3.4 2.5 1.3 5.7 2.5 2.5 2.9 4.8	80	25 24 27 24 25 16 17+ 25 27 16	24 17 23 28 27 27 24 24 29 23 28 25 26 27	1 7 13 7 7 13 7	554 686 576 563 501 428 680 348 660 5421 407 402 441			20 11 11 9 1 5 14 4 10 4	000000000000000000000000000000000000000	3.942 	6.26 4.98 4.59 3.67 6.38 4.77 5.31 5.23	2 · 22 3 · 34 . · 70 . · 60 2 · 21 . · 28 . · 65 . · 0 1 · 66 2 · 84 . · 67 4 · 70 2 · 12	2 18 18 2 3 2 3 2 2 2 2	T T T T O • O O • O O • O O O • O O O O	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11	13 13 14 12 12 13 15 12 10 12	6 4 9 6 4 8 8 7 7 5

				Ten	npera	ture									P	recip	itation					_
				9 60					83	No.	of Da	зув		0.80.0	ay		Snow	, Slee	t	No.	of D	ays
Station	Average Maximum	Average Minimum	Average	Departure From Lon term Mean	Highest	Date	Lowest	Date	Degree Days	Above or 33° or		Min.	Total	Departure From Long term Mean	Greatest Da	Date	Total	Max. Depth on Ground	Date	, F	.50 or More	or More
JONESBORO KEO MAGNOLIA 3 N MARIANNA 2 S MARKEO TREE MONTICELLO 3 S NEWPORT PARAGOULO PINE BLUFF PINE BLUFF POCAHONTAS 1 PORTLANO AM PRESCOTT AM SAINT CHARLES SEARCY STUTTGART OIVISION	53.2 56.6 64.4 57.6 54.4 64.4 59.2 58.6 57.2 56.4 57.2 56.6 57.0 63.2 56.1 63.2	36.3 38.3 40.0 38.4M 36.7 41.2 36.1M 35.2 40.6 40.6 40.9 35.8 37.7 39.5M 36.1 41.8 41.8 41.8 41.8 41.8 41.8 41.8 41	44.8 47.5 52.2 48.06 45.06 45.4M 45.4M 43.8 49.9 44.6 50.7 46.5 47.4 46.4 46.4 45.4 46.4 46.4 46.4 46.4 47.6	2.0 1.5 2.5 3.0 2.8 3.3 3.8 1.3 - 1.4 1.8 3.2 1.6 4.7 3.5	77 78 75 73 78 77 76 77 76 78 78 75 76	27 24 17+ 16+ 28 24 27 25 24 15	29 27 25 27 28 27 26 28 23 27 26 27 26 28 23 27 26 27 26 27 27 26 27 27 27 27 27 27 27 27 27 27 27 27 27	7 7 13 7 7+ 7 7 7 1+ 7+ 7	579 502 369 4891 356 609 451 586 418 5323 526 485 537 372 507 532	000000000000000000000000000000000000000	0 8 6 6 7 7 6 11 1 6 1 1 1 1 1 1 1 1 1 1 1	000000000000000000000000000000000000000	10.45 9.46 7.26 9.40 8.93 10.83 11.12 9.86 10.31 10.13 7.88 10.45 6.55 10.24 11.93 10.03 9.80 10.10 9.36 8.47	6.67 3.27 5.52 5.26 7.58 6.00 6.21 4.59 6.17 2.75 8.43 5.95 5.14 4.66	3.40 2.00 2.64 1.73 1.61 3.12 3.33 2.58 1.86 2.67 2.00 1.42 1.81 2.23 2.00 1.81 2.65 3.98 3.25 1.78	2 3 17 2 18 17 3 2 2+ 2 3 2 4 18 1 2	T 0.00 0.00 T T T 0.00 T 0.00 T T 0.00 T 0.00 T T 0.00 T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11	14 12 7 14 12 11 13 16 13 11 10 12 14 13 13 12 9 10 13	7 7 7 5 6 6 6 8 7 6 6 8 7 6 6 7 6 7 6 7 6 7 6 7	2534353343 5366443242

Table 3	т .	Т																						III BRI	JARY	
Station	Total	1 2 3	4	5 6	7	0 0	1 10				of m	-1	10	17 10	10	00		0.0	00	0.1	05 00	0.0	00	20	00	01
ABBOTT	5.9	• 2.50 .	3 .19	ТТ		8 9	10	.23	2	13	14	15	.46	17 18	19	20	21	22	23	24	25 26	27	28	29	30	31
ALICIA ALUM FORK ALY AMITY 3 NE	0 9.10 8.65 8.65 9.51	1.35 .20 .	89 .32	•16 T		.10 .72 1.30 .40 .90 .65 1.23	.15	0.03 .21 .14			+30 T	•05 •10 T	1.08 .75 .87	•38 2.88 3.00 •40 T 1.96 T 1.06	•20	.01 .05 .1	J		.20	+20 T +23	•10 •24 •18					
ANTOINE APLIN 1 W ARKAOELPHIA ARKANSAS CITY ASHOOWN		2.55 .63 T 1.45 1.00 .	•22 •25 •20 82 1•83			+70 1+11 0 1+62 1+30 +02 +96 1+27	.10	•05 •23 •17				.90	. 82	.03 1.40 2.47 1.10 .03 .63 .71 .74	•50	.02 .14		•10	.10	.08 .20 .10 .02	.08 .21 .20 .17	T				
ATHENS AUGUSTA 8ALO KNO8 BATESVILLE LIVESTOCK BATESVILLE L AND O NO 1	10.9	1.08 1.88 . 1.67 1.64 . 75 2.22 .	300	.0° T .20 T .0° .02 .31 T .30 .1°		.64 .52 .07 1.10 1.43 .37 1.30 .26 1.14	. 51 T	+10 +18 +24 +25		T	T	.33 1.72 1.36 .11	.88 .76 .83	*05 1*60 1*17 2*06 1*24 1*20 *91 1*64 *36 3*34	.35	*12 *40			*22 T *17 T	*12 *21 T *04 *06	+25 +28 +14 T +02					
BEATY LAKE BEAVER 8EECH GROVE 8EECEVILLE BENTON	10 • 80 2 • 70 7 • 80 11 • 31 12 • 23	.20 .99 . .20 1.65	07 .02	*10 *36- T *01 *25 1*33- *21 *05	•20 •99 •04	.95 .08 .65 .1.00	1	1 0 1 6 0 1 5 0 0 6 0 1 6			.26	+55 1 + 13	.56 1.04 2.08	*86 1.13 *36 .74 *48 2.50 1.76 1.96 *04 2.01	• 36	. 15	١		.51 T T .34	•21 •09 •30	.31 .08 .18					
BENTONVILLE BERRYVILLE 4 NW BIG FORK BIG LAKE OUTLET BLACK ROCK	3.2 3.9 9.0 9.9 10.3	1.14 1.90 .	06 •01 93 •25 30 •25	.J2 T T .17 .06	+11	*14 *25 *26 *55 *24 *75 *50 *27 *98	•19	.37 .25 .08 .04			.06	-40 -46 1-01	•63 •66 •46	.27 .59 .08 .98 T25 2.65 .81	.15	*1+ *03			+02 +15 +64 T	.10 .37 .26	•14 •06 •11 •06 •26					
BLAKELY HOUNTAIN DAH BLUFF CITY BLYTHEVILLE BOONEVILLE BOUGHTON	11+04 9+45 9+5 7+0 4+20	37 1.56 1. 52 1.75 . 37 2.26 .	42 .47 40 .04 37 .16	*10 *02 *42 *14 *22 *15 *03	T	.75 1.15 .42 .93 .12 .75 .68 .16		•14 •06 •24 •18		.10	.05	•10	.66	T 2.06 1.54 1.79 1.8070 .2266 .08 .34		•27 •15 T •05			.08	.03 .36 .38	.16 .05 .05 .05		г			
BRAOFORD BRINKLEY BUFFALO TOWER BURGETTE' CABOT 4 SW	12 + 16 9 + 16 6 + 45 12 + 55 9 + 85	0 75 1.60 ·	70 •63 22 •03 48 •30	.29 T T .06 .08 .25 .10		.22 1.12 1.15 .20 .83 .52 1.72	•24 •32 •28	0.35		. 22	.08 .82	. 45	.76 .35	1.08 2.84 .59 1.05 .05 1.40 3.50 1.15 1.67 .49	. 25	+40 T			T 1.00 T .65	•11 •00	.20 .18 .20					
CALICO ROCK CAMPEN 1 CAMP CHAFFEE CARLISLE 1 SW CLARENOON	8.5 6.41 6.41	7 .40 2.01 2. .42 2.12 . 3 .42 1.31 .	21 .55	*16 T *08 *02 *01 *40 *29 *02	•02 T	.27 1.06 .55 .78 .44 .36 .20		.35 .15 .25 .18				.29 .12 .36 .28	.71 .12 .33	.10 1.86 .45 .93 1.10 .92 .46 1.00 .11 1.55		•02			T	•12 •75 •50	.02 .08 .04 .07					
CLARKSVILLE CLINTON COLD SPRINGS CONWAY CORNING	7.64 10.8 9.7 9.9 £ 8.0	.60 2.49 . .50 2.05 . 7 1.67 2.05 .	07 .27	.04 .09 .24 .03 .10 .04 .07	•10 T	.64 .01 .51 .25 .50 1.60 .23 .64	.22	-04	.41	T		.02	.76 1.25	1.90 .18 .46 .56 2.00 1.45 1.35 .58 .26 2.12	2.00 1.23 .35		.25		.08	.18	.04 .18 .30 .25					
COTTER COVE CROSSETT 7 S CRYSTAL VALLEY CUMM INS FARM	7.40 7.81 7.41 11.7	.51 1.83 . .47 1.63 1. 8 . 2.89 .	65 1.16		• 12	.47 .8. .35 .51 1.21 . 1.75	.31	-16			+06	.73 .12 .74	.57 .60 .03 1.70	1.61 .38 .09 2.37	+02	•30	.10		.29 T	1 •28 1 •32	•10 •02 •20 •13	•02				
DAISY OAMASCUS DANVILLE OAROANELLE DE OUEEN	6.7: 9.0: 8.1: 8.8: 6.9:	72 2.10 . 52 1.84 . 47 1.95 .	52 •03 84 •26	.13 .02 .02 .02 .18 .02	•07	.75 .84 .64 1.14 .36 .70 .55 .70		.07 .25 .18			•05	•01 •30 •08 •38	•68 •68	.03 1.10 .28 1.70 .37 1.73 .40 1.78 1.35 .25		•10 •20 •20 •18			•13 T	.06	.13 .19 .16 .27					
DERMOTT OES ARC DEVILS KNOB DUMAS 1 EAGLE GAP	9 × 1° 10 × 1° 6 × 2° 10 × 1°	9 .31 1.08 3. 2 .63 1.66 . 38 2.85 .	04 1.85 72 .15 22 .08	•19 •09 •03	.02 T	*11 1*04 *21 1*45 *26 *70 1*45 *91 T	.19	• 28 • 22	т		•6l	. 70 .08 .20	.18	.74 .05 1.63 .28 .44 .70 .65	.03 T	.19 .20			•03 •37	•42 •02 •03	.28 .12 .11					
EL DORADO CAA AP EUREKA SPRINGS EVENING SHADE FAYETTEVILLE FAYETTEVILLE CAA AP	9.00 4.1 9.3 4.4	1.07 2.67 . 1.45 . 2 .27 2.79 . 7 1.52 .20 .	40 +12	T .05 T .17 T .01 .11 .04 .05	.18 T	1.43 T .78 .32 1.00 .73 T	.15 .21	. 33 T			Т	1 = 41 T 7 T	.68 1.12 T	.53 .26 .89 .12 1.91 1.26 T	*11 T				.02 .29 T	T T	.03 .08 .32 .14					
FAYETTEVILLE EXP STA FLIPPIN CAA AP FOROYCE 6 W FORESTER 4 WNW FORT SMITH WB AP R//	4.2 7.6 9.4 7.0	3 .41 .07 . 7 .54 2.70 1.	18 .44	T .06	т	.74 .01 1.29 1.61 .01 .15 .51	.29	T .	•02		T • 32	T T •10	.40 .70	1.28 T 1.57 T .41 1.28 .03 1.80		+18		•01	.03 .03 .42	•02	•21 •31 •10 •25 •10					
FT SMITH WATER PLANT FOUNTAIN HILL FULTON GEORGETOWN GILBERT	5.0 - 5.7; 9.1 7.7	T 2.33 .	- 16 •16 52 T	.02 .04 	т	• .7: -40 1.0! T 1.3:	- T	-12 -06 -27	-	-	- T	.13 .68		• 1.06 	-	-		-	•15 T	- +0 / +9 7 T	.04 	-	-			
GLENWOOD GRANNIS GRAVELLY GRAVETTE GREEN FOREST	0.8 V 9.24 0 7.79 2.49 2.79	.57 1.50 . 77 .17 T	08 .18 5.14 80 .18	*14 *13 D *05 T *01		.86 .44 .50 .27 T	.24	.10 .21 .15				.68	•52 • •63	.12 .66 .69 1.63 .01 2.17		•10 •20		т	.04	•18	• • 2 • 10 • 2 • 4 • 76					
GREEN MOUNTAIN GREENBRIER GREENWOOD GUROON HAMPTON	7.7		80 1.35 T	T T	1.08	1.15 .28 1.61		.28	-	т		-	. 55	.47 1.73 	-	- T +02	-	-		- T T	.30 -					
MARRISON MEBER SPRINGS 3 NE MECTOR MELENA MENDERSON 2 W	6.4	7 2.20 .70 .62 2.77 . .66 2.25 . .22 1.46 2.	•12 •0 •10 •5	.03 .02 .46 .02 .15 .16	10 43 T	1+19 +44 1+15 +73 +78	.11	*24 *25 *23			.02	. 71	.78	1.22 .96 2.33 .21 1.76 .65 1.52 .60 1.06		+11 T		T T	• 32 T	-08 -31 -40	•13 •07					
MOPE 3 NE MOPPER HORATIO HOT SPRINGS 1 NNE MUTTIG DAN	5.6 9.1 7.0	.22 1.35 1.	02 .13 77 .15 32 .10 28 .20	•11 •04 •05 •20 •04		.59 .98 .58 .92 .31 .76 1.92 .09 1.04	•02	*07			+05		1.05 .83 .99	.14 .72 .03 .80 .06 .61 1.48 .6 .03 .53	-13	1 • 1 • 0 4			•03 •13 •22	.09 .20 .04	+02 +25 +15 +19					
INDEX JASPER JESSIEVILLE JONESBORO KEO	7.05 6.96 10.66	.2510 l. .43 2.75 l. 8 l. 90 .55 2.75	50 .25 13 .15 53 .14 36 .17	.05 .13 .06 .14 .05	.01 .04	1.30 .90 .48 .73 .61 1.30 .70	.10	*05 *17 *17			T . 73	.12	1 + - 5	* 0 * * * * * * * * * * * * * * * * * *	-	+25			.02	+02 +21 +17	.30 .11 .12 .15					
LAKE CITY LANGLEY LEAO HILL LEE CREEK WARL ETATION LEOLA	10.2	.79 2.03 . 1.03 1.38 1. 7.54 2.37 1.85 .	•2 •11 •7 •21	•25 •05 •05 T		.76 .67 1.53 1.25		.24 .10 .15			T	* 7 1		1	T	•19 •10		, in l	. 8	. 37 T	.07 .27 .25 .17					
LITTLE ROCK MA AP P' LITTLE ROCK FILTER PL LOST CORNER - ANN 2 SE RTID.	11.8	2 2 • 22 • 77 • 7 2 • 28 • 66 • • 3 • 26 • • 41 2 • 6 1 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • • 6 3 • 0 • 0 • 0 • 0 • 0 • 0 • 0 • 0 • 0 •	19 •21 26 •27	•13 •33 •05 •03 2•47		2.17 * 1.68 * 1.11 .82	.20	-25 -17				. 1 5	. 6	2.45 Y	+2 +14				a 10 fo		+22 +27 +6				Ì	
WAOISON WAGNOL A 3 N MALVERN MAMM TH MAMM TH MARIANNA	9.31	* .56 1.0° . * .45 1.54 2. * .58 2.19 . * .30 2.67 . * 1.68 . 3 1.	33 •5c 54 5 37 •28	*10 *03 *15 *15 *04 *3		.06 . 1. 2.00 .20 .71	.16	* 4				. 4	. " - b - / - / - 73	.J^ .5 .6 58 ./ .5	. 3	.11										

DAILY PRECIPITATION

To	hle	3-	-Con	timu	ьd

ARKANSAS

Table 3—Continued	Τ_	T												Do	y of n	onth												-			UARY	-
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	_	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
RKED TREE RSHALL RELL LBOURNE NA	8.9 9.1 10.0 9.5 6.9	3 .4 6 .5 4 .5	3 1 · 5 4 3 · 2 7 3 1 · 2 5 3 2 · 7 9 2 1 · 8 2	.54 .52 1.64	.10 .38 1.27	.18 T	.05 .08	•04	* .40	.74 1.13 .95	.38	.30 .31 .20				• 95 • 37 • 53	.06 .80 .97	1.61 * .07	1.60	+02	•20	T		T T •22	.49 .40	.05 .25 .22 .36						
NTICELLO 3 S ROBAY L AND D NO 8 RRILTON UNT 1DA UNT MAGAZINE	10.8 9.0 6.9 9.3 7.1	2 .3	3 · 12 7 1 · 82 3 1 · 23 5 2 · 00 1 · 90	2.60 .05	•89 •07	1.34 .08 .14 .12		•06	.59 .06 .63 .67	1.07		• 31 • 24 • 15			•11	•03 •13 •47 •21	.35 .99 1.00	.87	•63 •49 1•63		•14 •23 •19 •14			•02 •03 •20	T •02 T •02	•13 •10 •15 •21 •42						
UNTAIN HOME UNTAIN HOME C OF ENG UNTAIN VIEW 1 W LEERRY 6 NNE RROWS DAM	7.1 7.2 9.0 6.3 8.5	8 .3	. 82 7 2.88 2 2.87 2 2.19 7 2.65	.51 .25	•10 •09 •08 •10 •15	•09 T	T • 12 • 03		.80	.90 1.00 .67	•22	.30 .35 .28	т		•12	Т		.03 .63	•10 1•47 1•31 1•25 1•23		•10			T •01 •13 •25	• 02 T	•19 •19 •07 •19						
SHVILLE PEACH SUBSTA HAN 4 WNW HOPE 3 E PPORT BROD DAM	11.1	4 1.68 5 1.04 2 .75	1.88 .86 2.60 2.60	.08 .50 .34	•12 •98 •07 •16	•14 •15 •23 •20	•02	• 16 • 02	.71 *	1.03 .90 1.72 1.23	т	.04 .05			Т	•19	.53	1.73	.77 .84 1.00 3.33 1.60		•07 •09 •22 •15			.22 .12 .28	.03 .03	•11 •23 •45 •30						
LL N Y EOLA NSVILLE	3.9: 8.9 6.9: 9.4: 12.5	7 1.00	1.17 1.96 2.48 1.62 2.42	1.02 .20 .64	.05 .17 .14 .13	*09 T	.02 T .17	T • 0 4 T	.53 .32 1.63	.35 .58 .49	•10 T	.23 .16 .20	т		T • 2 2	• 26 • 92 1• 94	•50	1.29	•50 2•06	*18 T	•25 •17		•59 •02	•20 •30	•10 •46 •12	•06						
RK NE AGOULD IS (IN	8.0 9.1 9.8 7.1 8.4	1.67	2.98 2.91 1.24 .66 1.03	•12 •27 •07	•14 •08 •18 •05 •21	.09 .22 .11 .03	•04	7 •17	.61		•11	.27 0.30 .15 .26	• 27		•10 •21	.09 .18 .13 .45	•55 •93	1.02 2.58 1.46	1.28 1.41 .94 .10 1.49	.01	•02		Т	.16 .20 .19	.15 .25	.08 .16 .33 .02						
PYVILLE : BLUFF : BLUFF CAA AP : RIDGE :HONTAS 1	8 · 3 10 · 3 10 · 1 9 · 7 7 · 8	89	1.78 1.42 2.67 1.95 2.42	1.86 .68	.18 .56 .27 .23	.07 .30 .04 .10	.08 .02 T		1.74	*46	•26 T	•23 •03 •10 •04		т	T T • 05	•19 •11 •18 •57		.03 1.74	1.71	•22	•06 •18			.27 .63 .33	. 70	•32 •17 •32 •31						
LAND COTT LLIFF IN RS	10.45 6.55 9 6.9 10.15 0 3.15	2.90	2.00 1.42 D.18 1.16	1 • 1 4 T 2 • 0 9	• 15 • 08 • 50		.15 T		1.24	1.15 1.26 1.08	•02 T	•30 •10 •32 •26	т		Т	•05	.61	1.53	1.30		.02		•04	.88 .12	.05 T	.05 .05 T .19		T	т			
ELLVILLE IT CHARLES IT FRANCIS M ECY	9.21 10.24 7.56	.53	1.69 1.32 2.67 - 2.23	1.81	*09 I • 37 •12 -	.02 .19 -	.10 .01 .10	-	-	1.09 .55 - 1.16	- 21	• 04 • 21 • 30 	•05	-	-	.30 .71 .03 -	1+11	.02	.49 1.28 2.23 - 1.96	•12	•01 -	-	-	T - T	.37 .18 -	•13 •12 •19 -	-	-	-	-		-
IDAN TOWER LEY AM SPRINGS FMAN 4 E PS	12 • 45 8 • 81 2 • 50 7 • 26 8 • 04	.57	1.67 2.51 .90 1.40 1.74	.10 1.42	.60 .30 .06 .40	. 15 T	T .02	• 40	.08	1.89 .23 1.42 1.04	•21 •90	.23			• 5 4 T	2.30	1.15 .90 .40	.30 .13	2 • 65 1 • 46 • 42 1 • 32 1 • 04	•19 •05	Т			•22 •02 T	•10 T	.38 .14 .10 .20						
CITY 2 S E TGART TGART 9 ESE ACO	9.98 8.30 10.03 9.80 7.16	.92	1.25 1.90 .45 1.00	.82 I.07 1.76	2.00	• 75		Т	.38	.95 1.33 .44 1.03	I•20	.28 .24 .23 .27			1	• 83 • 24	.63 .86	1.07 .57 .02 1.68	1.81	1 • 4 0 1 • 5 5	•06	•05			.33	•20 •43 •15	•27					
R GROVE OR RKANA WB AP R// RIKE RON	10.09	1.15	1.85 1.46 1.26 1.14	2.16	+10 +19	T	.08	Т	*11 1*42 1*10 *42	1.10	.01 .02 .19	•20			•10	•04 •13 •09	.49	1.65 .71 2.30 1.70	•33	•04	•05			T • 20 T	Ť	.30 .06 .25						
IUT GROVE IUT RIDGE CAA AP IEN IITA E ROCK		2.65	1.35 .77 3.98	.34 1.05 2.60	•13 •11 •91 •90	T •04 •05 T	.22 .09		1.32 .91 .80		•23 •22 •31	.30	•01		1 • 10 1 • 35	•07 •05	.74 .62	• 78 T	•11 •86	•03 •01 •03	•07		Т	.03 .18	T •08	• 22 • 14 • 04		T				
TECLIFFS SON NE LVILLE	6.70 8.96 8.4 4.11	1.00		.55 1.56 1.78	•20 •50 •41	•11	.26	• 40	.98 .88	•50	•23	•10			• 15	1.00 1.56	.80 .70		1 • 10 3 • 25 • 79	•11	•10 •10			•52	•10 •42	.10						

Table 5										JA.	IL)	ΥI	Ł.	MP	Ŀĸ	A	[[]	K.E.	5												FEB		Y 1956
Station											1					Day	Of M	lonth			_												Average
ALUM FORX	MAX	41	2	3	38	3.8	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	- Av
	MIN	34	32	29	32	35	30	26	36	40	35	30	57	68	71 51	70	58	52	61 38	39	35	65 29	32	61	75 52	74 43	62 30	68 45	34	67 29			56.2 36.5
ARKADELPHIA	MAX MIN	3.7	35	36	35	37	36	56 25	52 41	53 43	39	53 30	30	71 29	74 59	77 57	67	71 56	41	60 46	55 38	30	33	43	61	75 43	65 32	74 46	35	70 28			59.6 39.4
ASHOOWN	MIN	48 38	35	37	34	33	35	59 30	54 +3	52 91	49	55 27	56 31	32	79 59	72 60	53	69 55	57 41	48	60 39	30	70 32	73 50	63	77 42	65 35	72 48	66 34	69 28			60.6 40.3
BALO KNOB	MAX MIN	39 35	35	37	39	35	33	53	50 34	4.8 3.9	33	29	20	63 26	74 53	68	58	61 51	53 38	48	50 34	60 27	32	58 39	76 52	75 42	5 9 3 2	71 49	63 33	66 27			54.9 36.3
BATESVILLE LIVESTOCK	MAX	17	39 29	35 27	35 27	37	26	39 20	5.5 30	55 37	43	40	40 26	55	65 30	73	45 36	61 38	52 33	33	5 1 2 7	54 26	65 22	55 30	69 36	77 35	59 31	61 45	74 30	55 28			52.2 30.0
BATESVILLE L AND D NO 1	MAX	40 33	41 34	38 32	38 34	39 35	40 29	55 23	51 33	44	4 2 3 3	41 29	47 27	63	73 47	71 43	40	60 49	54 37	50 41	54 32	63 25	61 27	55 34	78 51	75 40	60 29	71 51	6 l 3 5	68 24			54.9 34.9
BENTON	MAX	42 35	4.4 3.1	36 31	40 34	40 34	42 29	55 22	49 37	49	4.6 3.5	52 29	56 26	70 24	72 50	67 49	61	67 52	56 40	52 42	52 33	63 25	65 29	58 39	77 56	73 40	63 26	72 41	5 9 3 3	67 24			56.7 35.4
BENTONVILLE	XAM NIM	54 31	34 19	34 18	35 27	3 8 3 0	38 26	57 26	47 40	42 28	3 3 2 1	43 23	4.8 3.0	64 31	74 35	50 33	60	54 33	4.8 2.6	47 34	53 21	61 25	64	61 40	81 58	70 32	62 32	54 39	52 20	67 30			52.6 30.2
BLYTHEVILLE	MAX	39 34	46 34	39 32	3 9 3 4	43 34	4,2 3.2	54 29	48 37	46 41	44 35	4 4 3 2	43 32	62 28	6 9 5 0	63	59	61 48	55 38	52 39	50 32	58 30	50 30	64	71 50	68 42	6 l 3 7	74 47	5 7 3 1	65 32			54.0 36.6
BOONEVILLE	MAX	40 33	40 30	37 26	41 33	40 35	43 32	56 25	50 42	48 36	40	50 31	54 31	71 30	78 49	70 41	67	62 46	5 l 3 6	56 42	56 30	64 -	64	66 35	80 58	76 38	67 31	65 49	57 29	71 26			57.4 35.6
BRINKLEY	MAX	45 38	5 5 3 5	37 34	39 36	39 35	42 31	53 27	51 38	47 43	45	45 32	48	63	72 55	67 48	63	73 43	57	52	5 2 3 7	60	60	60 49	75 53	74	38	73 48	67 37	65 33			56.4 38.8
CAMDEN 1	MAX	53 30	63	45 34	39 34	41 32	44 31	48	56 29	59	52 36	53	56 32	59 32	72 34	71 59	76 51	76 51	76 45	62	73 41	58 33	65	71 36	70	79 46	58 38	67 48	75 37	63			61.4
CAMP CHAFFEE	MAX MIN	41	40	31 27	35 28	41	40	43	56 28	48	40 28	3 y 3 1	51 29	53	71 34	77	55	61	57	49	57	58 25	64	5.8 3.5	70	80	75 31	64	61	57 24			54 • 2 31 • 8
CLARKSVILLE	MAX MIN	41	42	39	4 1 35	40 36	4.2 3.2	54 25	50	49	44	47	52	71 30	78	73	60	56	55	56	57	63	5 9	60	80	76 38	64	66	58	70			56.7
CONWAY	MAX	40	40	36	40	39	42	55	52	47	47	47	51	69	75 55	71	59	59	55	48	52	63	60	56	79	75 41	64	72	60	69			55.9 38.4
CORNING	MAX	38	39	38	40	39	41	40	56	44	45	36	46	46	61	72	50	59	53	41	50	52	63	48	62	41	39	47					48.4
CROSSETT 7 S	мдх	62	64	41	42	43	52	59	57	53	5.2	55	61	71	70	76	83	80	76	36 79	69	31	70	72	74	73	66	80	77	69			34+6
CUMMINS FARM	MIN	58	60	37	38	39	45	51	50	50	42	51	53	66	69	63	53	57 75	58	64	59	61	62	63	64	52 75	61	71	35 67	67			58.8
OAROANELLE	MIN	40	36	36	36	36	43	58	39 51	50	36	32	53	71	55 76	52 69	57	56	55	48	56	65	37 59	62	79	75	38	68	35 62	71			39.4
OE QUEEN	M1N MAX	35	27	31	35	36 47	50	25	54	53	36	30 56	62	30 76	53	73	66	65	57	58	63	65	35 71	74	55	74	36	71	31	71			37.1
OES ARC	MIN	37	34	31	35	33	32	24	53	36	39 47	27	25	28	54 61	73	51	62	38 71	46	32	50	30 61	49 59	60	39 76	31 59	62	28 74	56			37•7 53•8
DEVILS KNOB	MIN	23	34	30	31	32	26 34	24	26	38	35	28	29	31	70	64	39 53	52	38	38	34	59	29 58	32 50	72	67	3 6 5 8	58	53	63			34.0
QUMAS 1	MIN	30 59	22	22	28	30	25	28	36 55	52	28	23	26	6.8	51 70	3 7 75	39	49 76	30	73	26	35	33	64	49	70	38	78	62	38			33.3
EL OORAOO CAA AP	MIN	39	36	36	37	38	30	28	39	43	39	33 55	34	71	74	52 78	41 80	57	66	4.7 75	41 59	30	36 70	70	58 76	71	38	76	37	33			62.3
EUREKA SPRINGS	MIN	48	35	32	35	32	26	25	51	41	33	31	31	31	57	57	53	53 59	45	48	38	30 61	32	48	48	36 73	34 63	50	34	29			39.3
	MIN	30	21	20	26	29	27	28	40	31	2 3	24	30	34	45	34	37	41	27	34	25	34	30	60	56	32 72	63	42	53	38			32.6
FAYETTEVILLE	MIN	32	20	20	28	30	2.8	29	41	29	28	25	29	36	73	33	44	37	29	40	29	27	28	49	57	31	37	39	23	34			33.0
FAYETTEVILLE CAA AP	MAX	38	32	21	29	38	38 26	23	50 37	26	23	43 35	30	33	73	55 35	61	55 32	31	51 35	53	25	26	51	62	34	30	30	21	29			31.3
FAYETTEVILLE EXP STA	MAX	30	34 18	34 19	35 26	38 28	38 26	55 24	51 39	29	35 29	20	26	63 33	72 39	69 31	39	58 42	27	36	53 24	25	26	43	55	73 30	62 35	43		65 32			53.0
FLIPPIN CAA AP	MAX MIN	35 32	35 28	3.8 2.8	36 31	39 34	27	56 23	45 39	34	3 <i>6</i> 30	39 23	28	65 25	74 36	57 36	58 38	52 36	33	52 38	51 28	24	29	59 36	58	72 36	34	35	31	69 26			52.6 32.3
FOROYCE 6 W	MAX	58 37	58 35	36 33	40 35	41 38	48 31	57 26	55 40	51 43	46 35	54 30	56 34	6 9 3 6	70 55	77 57	73 48	74 56	58	47	57 37	65 32	73 35	66 52	76 62	73	63 39	53	65 35	70 35			61.3 40.8
FORT SMITH WB AP	MAX	40 34	3.8 2.8	34 28	40 34	40 34	43 28	56 28	48	30	37	52 32	53	69 32	76 45	55 39	60	56 37	4.8 3.6	57 41	58 30	63 30	5 7 3 3	66 46	60	75 38	66 35	40	57 30	70 28			55.1 35.2
FT SMITH WATER PLANT	MAX MIN	43 33	40 25	3.8 2.5	33	39 34	30	52 20	53 40	49 34	39 28	4.6 2.5	53	67 24	76 35	73 40	59 45	58 43	50 33	57 35	58 25	63	60 25	60 40	80 50	76 35	63 26	60 45		67 21			56.0 31.8
GILBERT	MAX	40 33	35 30	34 28	35 31	38 33	42 79	56 19	50 40	45 37	3 7 3 3	42 25	51 27	66 21	76 37	72 40	65 39	62 46	53 35	53 36	54 25	66	65 27	63 33	8 2 5 3	76 37	65 24	67	57 30	70 20			32.1
GRANNIS	MAX									54 37	41 37	54 27	56 32	70 33	76 58	72 55	6.2 50	64 51	56 36	58 45	59 34	62 31	68 36	63 49	78 60	74 37	62 32	66		68 32			63.2
GRAVETTE	MAX	42	33	34 17	35 25	3 7 2 9	38 24	57 24	4.7 4.0	42	32	45	50 27	64 33	73 35	55 32	5 7 3 9	5 5 3 3	49 25	52 35	55 25	63 23	64 29	62 . 44	80 56	73 30	68 33	56 38		67 31			53.0 29.8
GREEN MOUNTAIN	MAX MIN	30 24	32	34 26	30 29	36 30	3.8 32	50 24	48	44	50 34	3 6 2 4	48	5 6 3 1	60 30	72 32	44 30	62 38	5 2 3 8	50 32	48 28	50 32	58 30	66 41	64	72 34	68 36	66	66	50			51.0 31.9
HARRISON	MAX MIN	39	34	33	34 27	3 5 2 8	40 25	57 19	50 37	45	3 5 2 8	40	4.7 2.8	67 30	74 32	62 33	60 35	60	5 l 2 8	50 33	5 2 2 2	62	63	58 34	80	68	53	53		69			52.6 28.9
HELENA	MAX	51	57	45	41	44	46	53	50 38	49	48	46 36	50	62 30	70 50	71 51	70 45	74 58	5 8 4 5	63	60 39	60	61	60	73. 52	71 4.7	62 38	77 51		66 34			58.7 40.6
HOPE 3 NE	MAX	51	47	41		41	48	4.8	59	50	51 39			58	71	76 59	74 50	7 <i>2</i> 50	75 42	57	64	58 31	64 32	70 34	71 51		60 36	65		64 30			59.5 37.6

Table 5 - Continued		-											_			Day	Of M	onth													rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29 30 31	Aver
HOT SPRINGS 1 NNE	MAX	40 35	40 31	39 31	39 33	39 36	44 32	54 29	50 40	51 42	4.7 3.7	54 31	56 36	71 36	74 58	70 49	60 44	65 54	55 39	53 42	58 34	64 33	65 35	61 49	75 56	74 39	63 38	70 50	61 35	69 35	57.3 39.3
JONESBORO	MAX	38 33	42 34	38 32	38 33	39 33	38 30	55 29	46 36	48 40	44 33	44 30	41 32	62 29	73 46	68 41	59 39	60 39	53 37	48 39	50 35	60 31	49 30	60 40	74 51	58 41	62 39	72 48	58 35	66 38	53.2 36.3
KEO	MAX	45 37	47 34	36 33	40 35	41 36	43 29	53 27	45 37	49 42	45 36	51 31	53 32	68 30	75 53	65 47	62 43	72 54	56 41	51 44	5 1 3 6	60 29	60 35	57 45	77 56	73 42	65 36	74 45	58 34	69 33	56.6 38.3
LEAO HILL	MAX	37 32	34 27	38 27	38 30	40 34	42 29	58 21	48 40	44 34	40 29	40 25	4.8 3.0	68 23	77 32	64 38	62 38	52 42	42 31	49 31	51 21	62 20	62 25	56 32	83 52	74 35	65 31	63 37	52 30	69 23	53.7 31.0
LITTLE ROCK WB AP	MAX	44 37	44 35	37 33	40 36	41 35	41 30	52 28	46 39	47 40	41 36	48 33	53 34	70 32	72 58	66 44	59 43	69 53	54 40	50 44	50 38	62 33	58 37	63 45	76 63	72 41	64 37	73 45	57 35	68 34	55.8 39.2
MAGNOLIA 3 N	MAX MIN	63 39	36	33	40 35	48 36	48 29	6 I 2 5	56 42	57 42	51 39	56 30	58 31	72 35	75 58	78 56	78 52	76 59	63 43	65 42	61 40	65 31	71 31	72 50	77 58	73 45	67 33	75 47	63 35	70 29	64.4
MALVERN	MAX MIN	47 36	44 32	38 32	40 35	41 37	45 30	55 23	37	51 43	47 37	53 29	55 26	71	74 59	70 54	64 46	73 54	57 41	57 47	55 36	65 28	67 31	64 42	78 57	73 40	64 29	72 43	62 35	69 26	59.0 38.0
MAMMOTH SPRING	X A M N I M	37 30	37 30	40 30	39 31	42 34	43 28	57 21	46 34	45 37	3 B 3 2	38 25	42 30	62 22	74 40	66 39	54 38	53 42	51 34	55 38	54 30	63 22	55 25	55 44	80 51	74 31	66 26	70 42	53 32	68 22	53.7 32.4
MARIANNA 2 S	MAX	56 38	52 37	39 33	40 36	40 35	43 31	53 27	48 42	50 37	46 35	45 34	50 29	62	70 52	68 42	68 42	75 56	58 41	60 44	56 37	59 28	60	59 45	73 51	72 44	61 36	75 45	68 37	64 31	57.6 38.4
MARKEO TREE	MAX	40 34	50 35	36 32	39 33	40 33	41 31	52 28	46 32	50 41	45 32	45 31	45 31	61 29	70 51	66 40	64 40	63 50	55 39	50 40	49 35	58 30	52 32	62 41	72 50	71 41	60 38	73 47	59 35	64 32	54.4 36.7
MARSHALL	MAX MIN	40 29	32 29	33 29	34 30	35 31	40 30	54 25	48 41	43 35	36 30	42 32	58 33	64 35	73 49	70 39	63 38	58 50	52 33	52 38	53 25	62 28	61 30	61 47	78 52	70 35	61 39	67 50	53 30	67 28	53 · 8 35 · 2
MENA	MAX	43 34	38 28	32 26	39 32	40 33	44 30	57 26	5 I 4 1	49 35	42 35	54 29	57 30	70 31	76 57	68 47	60 48	63 54	57 32	60 44	57 35	65 30	68 33	65 49	77 60	72 35	63 33	63 50	57 33	68 33	57.1 37.3
MONTICELLO 3 S	MAX	60 40	62 39	34	42 36	42 36	47 29	57 27	57 40	51 43	49 41	54 32	58 32	69 36	70 55	74 63	77 52	78 61	77 47	77 47	68 41	65 30	68 34	71 49	74 62	72 46	64 34	78 44	74 35	69 31	64.4 41.2
MORRILTON	MAX	40 35	39 32	36 32	40 35	39 36	41 34	55 25	52 40	47 41	47 34	47 33	52 32	69 29	75 52	67 49	60 42	58 49	55 40	51 39	53 34	62 29	59 33	59 40	78 55	74 42	63 32	69 46	57 33	69 30	55.6 37.3
MOUNT IOA	MAX	49 22	40 32	33 29	35 31	39 34	40 32	45 21	57 22	51 38	45 32	50 25	55 28	56 23	70 28	76 50	62 41	65 42	64 38	54 38	55 29	57 24	65 26	67 32	67 53	78 38	56 26	61 34	68 28	59 22	55.8 31.7
MOUNT MAGAZINE	MAX	38 26	38 22	32 23	36 26	32 29	32 23	46 26	48 36	41 30	32 28	37 24	43 26	60 36	67 53	64 46	54 43	57 48	49 28	5 2 35	49 29	57 36	53 41	52 49	68 50	66 27	55 39	55 28	48	59 37	49.0
MOUNTAIN HOME	MAX	39 32	35 29	38 27	38 30	40 34	48 28	55 35	46 39	43 36	44 32	37 25	45 31	64 28	74 42	68 39	56 38	55 46	51 33	50 37	52 28	60 29	58 28	57 36	81 52	75 35	64 33	65 47	52 30	67 32	53.7 34.2
MOUNTAIN HOME C OF ENG	MAX MIN	40 20	35 31	32 27	38 28	38 30	40 26	42 23	57 24	46 35	39 32	36 22	39 24	47 26	65 29	74 40	44 38	56 38	51 33	41 33	5 1 2 8	53 25	61 25	57 29	64 38	82 35	56 29	64 31	66 31	53 26	50 • 6 29 • 5
NARROWS OAM	MAX MIN	52 30	43 37	38 33	38 33	46 36	47 31	49 22	5 8 2 3	53 43	56 40	43 25	55 25	61 25	72 25	78 56	78 48	63 49	68 40	58 40	59 31	61 28	6 6 29	69 35	69 50	78 42	61 28	64 34	71 28	62 25	59 • 2 34 • 2
NASHVILLE PEACH SUBSTA	X A M N I M	49 30	44 35	38 30	37 31	40 33	47 32	47 23	57 26	52 39	52 37	42 28	52 28	58 32	70 36	76 58	68 48	64 48	68 37	55 39	58 32	59 29	63 31	67 35	69 50	77 38	58 32	62 35	69 31	61 29	57.2 34.9
NEWPORT	MAX	43 32	40 32	39 31	39 32	40 35	39 30	56 25	49 36	51 40	46 31	44 30	48 29	64 27	75 45	66 40	62 36	59 51	55 37	48 40	52 32	64 30	55 31	63 38	77 60	72 45	62 39	67 43	55 35		54.6 36.1
NIMROO OAM	MAX MIN	44 21	43 35	38 30	36 32	38 35	39 32	42 23	58 23	46 40	45 36	45 32	50 37	55 25	72 62	77 52	41	62 42	38	53 38	53 32	55 27	65 30	66 37	68 43	78 39	58 29	63 49	67 31	59 27	54.6 35.1
OKAY	XAM NIM	50 38	47 35	46 34	41 36	47 36	47 36	58 27	58 43	52 43	50 40	54 31	59 33	71 31	79 60	77 60	70 51	70 57	58 41	63 48	61 38	65 33	70 33	74 52	80 62	78 44	65 36	72 51	69 37	71 30	62 • 1 41 • 2
OZARK	MAX	40 33	39 30	38 28	41 33	40 33	4.4 30	56 23	49 39	47 37	40 31	49 28	54 33	70 35	79 43	66 42	62 41	58 43	51 32	60 38	56 28	64 26	60 30	70 44	82 55	73 36	65 31	67 42	59 27	70 27	56.9 34.4
PARAGOULO	MAX	37 32	40 34	38 31	38 32	38 34	37 30	50 27	46 34	45 40	44 32	43 31	39 31	5 8 2 7	69 47	65 39	57 39	54 49	51 37	51 38	47 33	58 26	55 29	61 38	72 50	76 39	58 36	70 44	61 33	63 29	52.4 35.2
PARIS	MAX MIN	42 33	4 1 2 1	3 6 30	41 34	40 36	42 32	58 24	51 40	58 40	4 8 3 5	50 31	54 31	73 27	79 43	73 43	62 42	59 49	52 36	57 40	57 29	65 27	62 31	69 40	81 55	77 38	70 33	65 32	58 29	72 28	58.3 34.8
PERRYVILLE	MAX	4.4 35	43 31	37 31		41 36		58 24		47 41		51 31		71 28		7 2 50	62 42	65 50	60 40	49 40	54 33	64 29	62 33	61 38	79 47		32	71 42	63 34	71 31	57.6 36.5
PINE BLUFF	MAX		49 35	37 34	40 37	42 38	47 31	58 28	46 41	50 44	47 38	56 32	58 34	69	69 57	74 51	70 46	7è	57 44	61 47	53 39	63 30	64 36	62 48	77 51	73 45	64 40	75 51	59 37	71 34	59.2 40.6
PINE BLUFF CAA AP	MAX	60 39	45 35	39 35	40 37	42 32	45 30	56 28	45 39	50 43	44 37	53 32	56 33	68 32	70 56	74 47	70 45	75 54	55 45	61 48	49 36	60 30	63 35	66 48	75 63	72 42	64 40	76 52	58 36	69 32	58 • 6 40 • 1
POCAHONTAS 1	MAX MIN		41 35	40 32	40 33	41 36	41 30	52 24	50 34	49 40	4 2 3 2	44 29	40 30	60 23	72 45	6 6 4 (5.2 3.8	63 45	53 36	52 38	51 33	64 26	60 28	57 37	78 51	74 38	61 30	74 43	60 34	69 27	54.8 34.4
PORTLANO	MAX		62 44	45 37	44 38	42 38	4 3 3 0	51 29	56 30	49	50 42	55 37	56 37	61 35	69 36	6° 57	73	78 61	76 48	64 52	75 45	59 34	62 35	63 37	70 42	72 56	58 38	64 40	78 40	59 34	60.4
PRESCOTT	MAX MIN	48 27	44 36	3.8 3.0	36 30	3 8 3 4	40 28	45 23	55 23	47 35	50 40	4.8 30	50 31	55 30	70 31	74 60	75 48	70 48	72 42	55 42	65 38	55 31	61 32	68 33	68 53	75 43	60 37	66 37	71 35	61 31	57.2 .35.8
ROGERS	MAX	42 31	33 20	34 20	34 27	38 30	37 27	58 26	48 40	45 30	34 25	42 25	58 30	64 31	74 41	58 34	60 40	57 38	50 27	48 38	53 27	62	65 32	60 44	81 58	70 33	62 36	58 43	52 22	68 34	53 • 3 32 • 3
RUSSELLVILLE	MAX MIN	42 35	43 32	38 31	40 35	40 37	42 37	57 24	55 40	49 40	46 36	48 32	52 30	71 27	7.7 5.0	73 47	68	57 51	56 39	50 41	56 30	63 28	61	61	79 55	77 35	63 31	67 34	59 32	70 27	57 - 2 36 - 3
SAINT CHARLES	MAX MIN	48 28	58 40	41 34	3 9 3 4	39 37	41	45 27	55 30	46 41	48 40	41 33	49	51 34	65 39	70 56	73 44	71 49	75 44	53 45	63 39	52 31	60 33	63	64	75 46	57 38	64	76 37	5 5 3 5	56.4 38.3
SEARCY	MAX MIN		41 34	37 33	40 35	40 35	41 31	54 26	49 37	49	44 35	49	52	64 28	73 53	67 57	67 41	59 51	55 39	4.8 4.2	51 35	62 29	59 32	58 41	75 53	74 43	61 38	72 45	64 34	68 30	55.6 37.7
SHERIOAN TOWER	MAX MIN	44 35	44 32	43 32	44 33	40 35	41 37			46	46 36	5 2 3 3	27	7.2	72 58	68	64'	70	60 41	54	5 1 3 4	65 28	66 31	48	78	75 41	65 33	70 40	61 32	70 28	58.4 37.2
TLOAM SPRINGS	MAX	45 2 I	37 21	32 18	35 28	35 29	37 26	39 28	56 29	46	42	. 3	,) ! *1	74 12	53 38		53	48	49	5 5 25	63 25	65	67 52	81	55 32	63 39	54 18	53	51.3
STUTTGART	MAX MIN	50 38	5 2	37 34	3 9 3 5	40 38	43	54 27	47 39	49 42	46				r - 1	51	09 40	7.		56 46	5 3 3 7	61	62 39	53 45	75 55		64 37	77 47	65 35	70 34	57.0 39.5

Table	5 C-	ntinued

DAILY TEMPERATURES

ARKANSAS FEBRUARY 1956

										_				_																	1 LON	JARY 19
Station																Day	Oi N	lonth														age
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	- i
STUTTGART 9 ESE	MAX	46	5 8 3 9	40 34	38 34	39 37	40	43	54 33	45	48	41	48	50 34	64	69 56	68	67	74 45	51	56 39	51	58	60 38	63	75	62 38	60	73 35	54 32		55.
SU81AC0	MAX	41	4 2 3 I	36 30	41	40 36	44	56	53	48	4.2	4.8	5.2	71	7.7	7.1	61	5.7	5,5	56	6.6	4.3	6.0	6.3	7.0	7,			57	-		56.
TEXARKANA W8 AP	MAX	61	44	36	40	48	47	60	51	50	44	5.5	5.8	7.1	7.9	7.2	7.2	7.4	5.8	64	5.0	63	20	7.2	7.0	7,	4.6	7,	64			60.
TURNPIKE	MAX	3.8	38	29	32	3.2	3.2	45	43	43	34	3.4	46	60	70	62	5.1	5.5	5.2	4.9	4.0	5.0	5.1	50	7.3		6.4		50			48.
WALDRON	MAX	43	3.8	33	38	41	44	57	55	49	39	5.2	5.5	7.1	7.7	76	6.7	65	55	63	5.7	64	40	4.6	7.0	77	6.3	4.7	57	70		57.
WALNUT RIOGE CAA AP	MAX	40	40	39	38	40	38	51	44	4.8	3.8	4.5	40	6.1	71	1.6	5.7	53	46	40	50	62	50	5.0	76	70	5.0	7.2	52	,,		52.
WARREN	MAX	60	62	38	40	42	46	56	56	53	48	55	59	6.9	69	7.9	76	77	66	7.7	6.2	66	6.0	74	77	77	4.5	7.0	68	20		63.
WHITE ROCK	XAM NIM	36	36	31	36	32	35	4.8	45	43	3.2	40	4.7	60	6.8	65	5.2	55	50	5.2	5.4	5.8	5.4	5.2	7.2	60	5.0	6.4	52			49.
WILSON	MAX MIN	46	5.2	46	4.1	42	44	54	49	47	46	47	45	63	68	66	64	64	55	5.2	50	59	54	61	7.1	69	6.8	7.2	67	6.1.		56.
WYNNE	XAM NIM	43	5.2	37	39	39	39	53	46	47	45	4.3	47	6.3	70	65	64	68	5.5	49	49	5.8	55	5.8	73	70	6.1	7.2	61	63		54.

Table 6

EVAPORATION AND WIND

_																I	Day o	i mon	ıth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLAKELY MDUNTAIN DAM	EVAP					.00		- 29	- 48							111																	1859
HDPE 3 NE	EVAP					.04										.07																	2.30
NARRDWS DAM	EVAP		- 60	- 52		.00									- 88					.08 39									.23				1343
NIMRDD DAM	EVAP WIND		- 4	- 15	- 5	_ 18	- 6	- 35	- 31	- 41	28	32				38				.03			.08						164	- 59			1151
RUSSELLVILLE	EVAP				- 4	.02	.01	.04	.07	.02	.03	.07	.05	- 19	.13	.10	.06	- 5	.06 30	. 10 6	.05		.07		.09	. 20		-18 54	.17	.11			2.17
STUTTGART 9 ESE	EVAP W IND			105		.10		* 70								.19		29		37	·11	34	.13	.08			.12	.09	.18	132			1859

SNOWFALL AND SNOW ON GROUND

ARKANSAS FEBRUARY 1956

Station																Day	of m	onth														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BLYTHEVILLE	SNOWFALL SN ON GND																												T			
BRINKLEY	SNOWFALL SN ON GND						Т																									
CALICO ROCK	SNOWFALL SN ON GND							Т				-																				
CORNING	SNOWFALL SN ON GND											2.0	_																			
EUREKA SPRINGS	SNOWFALL SN ON GND		0.В	Т		0.5					3.0							1.2	Т													
FAYETTEVILLE EXP STA	SNOWFALL SN ON GND	т	1.0	Т			0.7				2.B 2	0.4 T																				
FORT SMITH WB AP	SNOWFALL SN ON GND		0.6	1			0.3 T				Т																					
GILBERT	SNOWFALL SN ON GND						Т					2.0	-																			
GRAVETTE	SNOWFALL SN ON GND		1.0				T				3.0	-																				
HOT SPRINGS 1 NNE	SNOWFALL SN ON GND						Т																				}					
JONESBORO	SNOWFALL SN ON GND											Т																				
LITTLE ROCK WB AP	SNOWFALL SN ON GND						T																									
MAMMOTH SPRING	SNOWFALL SN ON GND						T T					4.0																				
MARIANNA 2 S	SNOWFALL SN ON GND						Т																									
MARKED TREE	SNOWFALL SN ON GND											-																				
MOUNTAIN HOME	SNOWFALL SN ON GND										2.5																					
OZARK	SNOWFALL SN ON GND						1																									
PINE BLUFF CAA AP	SNOWFALL SN ON GND						Т.																									
PRESCOTT	SNOWFALL SN ON GND						Т																									
ROGERS	SNOWFALL SN ON GND		1.0		1.0	Т	0.3				3.1	T 2	T				Т															
WALDRON	SNOWFALL SN ON GND		1	f			T T																									

					Jhaar				,,						-		PERRUANY 1956
Station	ON E	Drainage ; Latitude	Longitude	goi	observation time	Observer	Refer to tables	Station	Index No.	County	Dramage;	Latitude	Longitude	Elevation	Observation of time	on.	Refer to tables
Abbott Alicla Alum Fork Aly Amity 3 ME	0006 Scott 0064 Laeronca 0130 Saiina 0136 Vall 0150 Clark	1 35 04 7 35 54 1 34 48 3 34 47 3 34 17	91 05 92 52 93 29 93 25	W54	5P 51	Gurn S. Swalm Mra. Alta F. Garner	3 3 2 3 5 3 3 0	Louann 2 SM Lurton Madison Mampolia 3 N Wampolia 5 W	4386 4528 4548	Unios Wewton St. Francis Columbia Columbia	5 4	33 22 35 46 35 00 33 19 33 20	92 46 93 05 90 43 93 14 93 13	130 2007 215 315 360	6P	6P Flora A. Hamilton 8A Lola 1. Dollar 7A Lorea N. Joses 7A Harl M. Grakam 1D Ark Pwr & Lgt Co.	3 3 3 3 5 7
Actoica Aplin 1 W Applaton Arkadalphia Arkansaa City	0178 Pika 0186 Parry 0196 Popa 0220 Clark 0234 Deaha	3 34 02 1 34 58 1 35 25 3 34 07 2 33 37	93 00 92 53 93 03 91 12	145	6P 68	Drew A. Lamb Sohart Watta John A. Jonan Hillann W. Lasrence John W. Trammall	3	Malvaro Mammoth Spring Marianoa 2 S Markad Trea Marahall	4572 4638 4654	Hol Spring Fulton Lee Poiocelt Saarcy	5 5	34 23 36 29 34 44 35 32 35 54	92 49 91 32 90 45 90 25 92 38	311 690 234 229 1050	6P 6P	5P Malvera Fire Dept, 7A John M. McKee 6P Unlv. of Arkanaa 7A William M Crick 7A Mra. Single Bortos	2 3 6 2 3 5 7 2 3 5 7 C 2 3 5 7 2 3 5 7
Ashdoan Athens Augusta Bald Knob Batesvilla Livastock	0386 Littla River 0300 Boaard 0326 Woodruff 0350 White 0458 Indopendence	4 34 18 7 35 17 7 35 18 7 35 49	93 58 91 22 91 34 91 47	960 218 230 571	6P 63 9A 9/		3 3 C 2 3 5 2 3 5 C	Marvall Mausca Molbourna Meoa Monticelio 3 S	4686 4746 4756 4900		7 7 3	34 33 36 03 36 04 34 35 33 35	90 55 92 39 91 54 94 15 91 48	195 749 610 1207 285	6P	WA Sterlin Gallace ID Verna N. Davesport 7A Ivan L. Shrader 7A E. A St. Joho 5P Arkansse A & W Col	3 C 3 S 7 C 2 3 5 7 C
Batesvilia L & D 1 Bear Crask Laka Baaty Lako Baavor Beeba	0460 Independence 0496 Loa 0512 St. Francia 0518 Carroli 0530 Whita	7 34 43 5 35 05 7 36 28 7 35 04	90 43 90 43 93 46 91 53	220 400 930 250	M16 51 7/ M16	U.S. Foreat Service L. G. Adameon B. E. Skelton Lowaii E. Parkion	2 3 5 C C C C C C C C C C C C C C C C C C	Montrose Morohay Lock & Dea Morriltoo Mount lda Mount Mamazioe	4934 4938 4988 5010	Achley Caiboua Cooway Montgomary Logan	3 :	33 18 33 19 35 07 34 33 35 10	91 29 92 27 92 45 93 38 93 41	125 85 280 663 2600	5P 7A	ID Ark Per & Lat Co. 7A Corpa of Engineere 7A Emma 5 Leavell 7A William E. Black 7P U.S. Yorest Nervice	2 3 5 C
Baech Grove Baedovilla Banton Bantonvilla Barryvilla 4 NW	0534 Grass 0536 Jackson 0582 Saits 0586 Banton 0616 Carroll	7 36 09 7 35 26 6 34 33 1 36 22 7 36 28	92 37 94 13 1 93 37 1	295 150	6P 8/ 6P 7/	8. S. Sammond P. W. Breckinridge Mrs. Etta C. Burks Marla L. Browns David L. Stidbes	3 2 3 5 2 3 5 2 3 6 3 C	Mountain Mome Mountain Bomo C. of E Mountain Vice 1 a Mulhorry 6 NNE Narrose Dam	5038 5046 5072 5110		7 7 1 3	36 20 36 20 35 52 35 34 34 10	94 01	800 800 768 500 425	8A	7P Charlos Shirae 8A Corps of Englisere 7A Mildred R Ward 7A Renry G. Arvin 8A Corps of EoMissers	3
Big Fork Siy Lako Outlat Black Wock Blakaly Mountain Dam Bluo Mountain Dam	0664 Polk 0676 Mississippi 0746 Lawranca 0764 Garland 0798 Yall	3 34 29 5 35 51 7 38 07 3 34 36 1 35 06	91 06	100 - 259 426 455	63 77 87	Aona M. Lilee N. M. Douglas Leo W. McKennay Corpa of Engineers Corpa of Sogiosore	3 3 3 6 C	Mashvilla Paach Suhata. Mashvillo SCS Wathao 4 WHW Woehope 3 H Wewport	5114 5158 5174	Hoeard Hoeard Hoeard Pike Jackson	3 3	34 00 33 57 34 07 34 14 35 36	93 50	550 373 550 850 225	M	7A Univ. of Arkanesa ID Soil Cone. Service 7A Edna J. Westfall 7A Misie Y. Word 7A Luther D. Summers J	2 3 5 C 3 3 F 2 3 5 7
Bluff City Blytheviila Booneviila Botklaburg Boughton	0600 Nevada 0806 Miasiaaippi 0830 Lowan 0842 Van Buran 0848 Movada		89 55 93 55	511	6P 7/ 7P 7/ M1E 7/	Thomas M. Poarson Iris Elmoro Wicker	3 2 3 5 7 2 3 5 C	Nimrod Dam Morfork Dam Odell Oden Okay	5228 5354 5358 5376	Parry Bantor Washington Bontgomery Bonard	1 3	34 57 36 15 35 48 34 38 33 46	93 10 92 15 94 24 93 48 93 53	470 425 1500 800 300	М	8A Corpe of Nominears 1D Corpe of Engineers 7A Mrs. Neoro Muret 7A Vara J. Gans 5p J. T. Hargie	2 3 5 6 C C 3 3 2 3 5
Bradford Brinkley Buffalo Tower Bull Shoals Dam Surdatta	0672 Whita 0936 Monros 1010 Newton 1020 Baxter 1052 Wissianippi	7 35 25 7 34 54 7 35 52 7 36 22 2 35 49	91 10 93 30 92 34	240 205 - 460 240	5.P SF 7/ W1E 65	Wershall Wickmon Wohort D. Schaefar Boulah F. Fowlar Corpa of Engineera G. A. Bale	3 5 7 C 3 C 3	Occaola Ovenaville Oxark Ozono Paragould	5498 5508 5514 5562	Missiaaippi Saltna Franklin Johnson Greso	1 1 5	35 43 34 37 35 29 35 36 36 04	93 27 90 29	250 500 396 1800 275	6P	SA Aleyn A. Cowan SA Guy Cook GA Surne Wakefield 7A Maurica R. Braodt 4P Madio Station EDMS	3 2 3 5 7 3 2 3 5
Cabot 4 SM Calico Rock Canden 1 Canden 2 Camp Chaffan	11D2 Pulaski 1132 lzard 1152 Ouachita 1154 Ouachita 1172 Sebastian	7 54 57 7 36 08 3 35 36 3 33 35 1 35 18	92 06 92 49 92 51	289 400 116 155 419	7A 7/	8. M. Malthar Austin D. Barris Joho W. Knight Edith Z. Labman U. S. Army	3 7 2 3 5 C	Paria Parkin Perthococ Perryville Pina Bluff	5588 5692 5694 5754	Logan Cross Wreton Parry Jefferson		35 18 35 16 35 57 35 00 34 12	93 45 90 35 93 15 92 49 92 00	222 925 325 215	5 D	58 Fred J. Girard 7A Corina D. Gardnar 1D Arthur 8. Carlton 7A Francie Finkheloer 7A Sary T. Scheu	2 3 5 3 C 2 3 5 2 3 5 C
Canann 2 W Carlisia 1 SW Carpentar Dam Clarandon Clarksvillo	11R8 Saarcy 1224 Losoke 1238 Gerland 1442 Mosroo 1455 Johnson	7 35 52 1 34 47 3 34 27 7 34 41 1 55 28	91 45 93 01 91 16	172	W 1E	Froncy Dell Borton John L. Tait Ark, Pwr & Lgt Co. B. F. Worthorn Dr. Irving F. Boach	C 3 C 3 2 3 5	Pina Bluff CAA AP Pina Ridge Pocabontan 1 Portland Prancott	5760 5820 5866	Jeffarson Wontgomery Wandolph Anhley Wevada	7 3	34 10 54 35 36 16 53 14 35 48	93 54 90 59 91 30	205 640 330 122 516	5P 7A	ID U.S. Civil Aaro Adi 7A J. W. Huddlaeton 7A Menediction Siater: 7A Bre. Pearl Mewton 7A M. P. Mamby	
Cliaton Culd Spriage Comba 3 SE Compton Consay	1492 Van Buron 1520 Scott 1574 Wadison 1582 Wewton 1596 Faulknar	7 35 35 3 54 56 7 35 48 7 36 06 1 35 05	93 54 1	166	7/ M10 W10 SP SF	Earl B. Riddlck Maryarat Zornes Maudo C. Braaboars Milliam L. Binam Claranca S. William	3 3 C C	Prescott SCB Pyatt Watcliff Ravana Wommal Dam	5970 6006 6016 6102	Wewada Marion Logao Millar Rot Spriog	7 1 4 3	33 48 36 16 35 18 33 04 34 26	93 53 94 02 92 54	600 465 250	M M	ID Boil Coom. Service ID Onm V. McLeam 7A Lulu M. Weeke ID Bonoy L. Allam HD Ark Pwr & Lyt Co.	3 C C
Corainy Cottor Cova Crossett 7 S Crystal Valloy	1632 Clay 1640 Baxter 1666 Polk 1750 Ashiny 1750 Pulaski	7 36 24 7 36 17 4 34 26 3 33 02 1 54 42	92 51 94 25 1 91 56	440 050	7/ 7/ 5P 51	Mrs. Laura Polk Robort T. Fiolding Joa C. Allan U.S. Forest Sorvico Virda Byrd	2 3 5 7 C) 3 3 2 3 5 3	Wison Wogora Wumaellville Saiot Charlwa Saiot Francie	6248	Clavaland Banton Pope Arkansas Clay	1 1 7	33 57 36 20 35 18 34 23 36 27	92 11 94 07 93 08 91 08 90 06	231 1387 360 200 300	SS TS AB	8A J. S. Yaony SS Howard Foelar 5P U.S. Forant Service 8A Fish & Wildlife Sor 7A William S. Suckley	3 2 3 5 7 e 2 3 5 6 v! 2 3 5
Cummios Farm Dainy Danascus Danville Danville SCS	1768 Lincoln 1814 Piks 1629 Faulknor 1834 Yoll 1835 Yell	1 34 06 3 54 14 1 55 22 1 35 03 1 55 04	93 45 92 25 93 24	176 629 705 370 370	7/	Cummins Prison Farm Forma Jones Teddor William A. Broan J. A. Woudy Soil Consarv. Serv	2 3 5 3 C 3 7	Sales Saarcy Shoriden Toeer Shirlay Siloam Springa	6506 6566 6566	Fuiton Whita Grant Vao Suroo Benton	3 7	36 23 35 15 34 27 35 36 36 11	92 17	668 245 290 600 1150	5P 6P	7A Jac. D. Caldeell 7A Adam C. Melton 6P Ark. Forestry Comm 7A Maud M. Sradford 7A John Brown Univ.	3 5 7 2 3 5 7 2 3 8 7 3 2 3 5
Dardacella De Queen Deavar 3 E Dermott Dea Arc	1835 Yell 1946 Saviar 1956 Boone 1960 Chicot 1966 Prairia	1 55 13 4 34 02 7 36 23 2 33 31 7 34 56	94 21 93 16 1 91 26	420 026 140	5P 7		2 3 5 2 3 5 7 C 3 2 3 5	Smithville Sparkman 4 E Stamps Star City 2 S Stava	6766	Laeranca Dallas Lafayette Lincoln Yall	5 4 5	36 05 33 55 33 22 35 54 34 55	92 48	450 260 270 592 682		ID A. W. Richerdson 7A Bre. Wachol Butler 7A Wuhert Baker 7A Ark. Foroatry Comm 7A T. P. Sime	C 3 3 5 3
Devils which 1 Dumns 1 Dumns 2 Durham Eagla Gap	1982 Johnson 2148 Dosha 2150 Desha 2176 Washington 2204 Scott	1 35 45 2 33 53 2 33 53 7 35 57 1 34 43	91 50 91 30 93 59 1	162 165 243	7P 77	A Earoost C. Campholl P Bom Johnson D Ark. Pwr & Lyt Co. D Goldio E. Brink A Waxina W. Hoopor	2 3 5 2 3 5 7 C	Stuttmart Stuttmart 6 ESE Subiaco Suger Grova Taylor	6920 6928 6940	Arkaneae Arkaneaa Logan Logan Columbia	7 1 1	34 29 34 26 35 16 55 04 53 06	91 25 95 39 93 48	214 198 500 500 247	7A 88	7A George L. Clark 7A Univ. of Arkanase 7A Wew Mubiaco Abbey 9A O. M. Fanoall 7A Idella O. Norwood	2 5 5 2 3 5 6 C 2 3 5 3
El Dorado CAA AP Euraka Springs Evening Shada Fayettavilla Payettovillo CAA AP	2300 Dnion 2356 Carroll 2366 Sharp 2442 Washington 2443 Washington	3 33 15 7 36 24 7 36 05 1 36 05 7 36 00	91 37 94 10 1 94 10 1	465 490 370 253	6P 61 7P 71	D.S. Clvil Aaro Adm Mahel F. Spray A Opha Wolfe P Charlaa F. Ford D D.S. Civil Aero Adm	2 3 5 7 C 3 2 3 5 2 3 5	Tszarkana WR Airport Turnpika Waldron Walaut Grova Walnut Widya CAA AP	7262 7488 7524	Miller Pope Scoti Indapandeoce Lawreoca	1 1 7	33 27 35 40 34 54 35 51 56 08	93 05 94 06 91 21	2067 675 250	5P	ID U.S. Aeather Mureau SP U.S. Fornet Service SP William D. Sivene SP A. B. Faet ID U.S. Civil Aero Ada	a 2 3 5 2 3 5 7 C
Fayattovillo Wap. Sta. Flippia CAA AP Fordyce 6 W Foreman Porester 4 WNW	2444 Washington 2528 Warion 2540 Dallas 2544 Little Riva 2536 Bcott	7 36 06 7 36 16 3 33 49 4 33 43 1 34 47	92 36 92 31 94 24	700 M 280 400	1D W1	Doiv. of Arkansas D.S. Civil Aoro Adm John Ysayer D. Loalto P. Caliana A Mra. L. L. Naison	2 3 5 7 2 3 5 2 3 5 2 3 5 C	Warran Wambita West Fork Whoaling Mhita Rock	7592 7694 7744	Bradlay Montgomery Washiomton Puiton Franklin	7 . 7	36 19	93 32 94 11 91 52	206 610 1340 680 2265	M	6P Warran Cotton Oil (7A Mora Lan Mayberry 10 Fifie D. Little ID Thomas W. Cone 7A U.S.Forset Service	3 C
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Georgetown Gilbert Gleswood Grannia Gravelly	2760 Mhite 2794 Searcy 2842 Pike 2905 Polk 2922 Yall	3 34 20 4 34 14	91 26 92 43 93 33 94 20 93 41	920	6P 7.	A Beesie W. Akere A C. Wli Jordan A Myrtla i. Price A George T. WcVay Willia Pendergrase	2 3 5 7 C 2 3 5 2 3 5	Yallvilla	8084	Marios	7	36 13	92 41	760		7A Glean M. Weablt	3
Gravette Green Forest Green Womataln Greenbrier Greenwood	2930 Benton 2946 Carroll 2952 Stona 2962 Faulkner 2976 Sebastian	7 36 20 7 36 02 1 35 14	94 28 93 26 92 12 92 23 94 15	350 100 360	7A 7.	B Rison S. Schmidt A Obed B. Wilson A U.S. Forest Sarvice A Thomas E. Cantrall A Dorothy W. Been	2 3 5 7 2 3 5 3 3										
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Index Jasper Jessleville Josesboro Weo	3584 Littla Wive 3600 Newton 3704 Garland 3734 Creighead 3862 Lonoke	7 36 01 3 34 41 7 35 50	94 03 1 93 11 2 93 04 0 90 42 5 92 00	730 345	6P 7	M. M. McDowall A Lottia B. Davie A Mrm. Velme M. Duss A Benediction Sister P S. A. Waller	3 3 3 2 3 5 7 2 3 5		3								
Eloguland 3 SSE Laka City Lamar 2 SW Lamyley Land Hill	3904 Cleveland 3998 Craighead 4019 Johnson 4060 Pike 4106 Boone	5 35 49 1 35 26 3 34 19	92 16 9 90 26 5 93 25 9 93 51 4 92 54	230 550	Wi	Claude W. Hneter A Treama St. Clair O Peach Exp. Statios A Wabel F. Forrester F. M. Kallogy	5 C 3 2 3 5										
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				4 1/10	4 9	Saint Francis 6. Sa	ine 7. White										

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this hulletin.

Montbly and seasonal snowfall and heating degree days for the preceding 12 months will he carried in the June issue of this bulletin.

Stations appearing in the tables; but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this hulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts to Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observatioo. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow oo ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for full-time stations (those sbown in the Station Index as "U. S. Weather Bureau") are hased on the period 1921-1950, adjusted to represent observations taken at the present location.

Additional information regarding the climate of Arkansas may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are geoerally exposed to a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed to a shelter located on the roof of a huilding.

 Gage is equipped with a windshield.

 Data based on observational day ending hefore noon.

 Adjusted to a full month.

 Data for recorded stations, denoted by "C" are proceed for recorded stations, denoted by "C" are proceed for recorded stations.

- Adjusted to a full month.

 Data for recorded stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station have been adjusted to represent the value for the full month.

 R Amounts from recording age. (These amounts are essentially accurate hut may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

 T Trace, an amount too small to measure.

 Includes total for previous month.

 SS This entry in time of observation column in Station Index means observation made near sunset.
- R

Subscription Price: 20 cents per copy; monthly and anoual, \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders sbould be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Pricting Office, Washington 25, D.C.

NWRC ASHEVILLE N.C. -- 4-11-56 -- 1005

EMSON CCLL JL BRARY

U. S. DEPARTMENT OF COMMERCE SINCLAIR WEEKS, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

MARCH 1956 Volume LXI No. 3



ARKANSAS - MARCH 1956

WEATHER SUMMARY

Temperatures varied widely during March but averaged near seasonal. The weather was most favorable for farm work and although most areas received less rainfall than usual for March, the ponds and cisterns were full and the soil moisture was adequate.

Temperatures increased during the first week from near seasonal on the 1st to very warm by the 5th and 6th. Most stations throughout the State registered their highest temperatures for the month on the 6th. Maximums on that date ranged, in general, from near 80 degrees over the east central and northeast to the middle and upper 80's over the southern counties. A cold wave which crossed the State on the forenoon of the 7th brought the first cool weather of the month. Many stations registered their coldest temperatures for the month on the morning of the 8th. Minimums were mostly in the 20's. The coldest temperature for the State, 16 degrees, occurred at Gravette on the 8th. The 9th and 10th were mild. A second cold front, which crossed Arkansas during the late evening of the 10th and the morning of the 11th was followed by a cold spell which persisted from the 12th to 16th. The third cool spell lasted from the 19th to 22d. Mount Ida registered a minimum temperature of 19 degrees on the 20th. The 26th and 27th were quite mild and the highest temperature for the State, 89 degrees, occurred at Subiaco on the 27th. The month ended with mild temperatures predominating. Monthly mean temperatures ranged from 46.7 degrees at Siloam Springs to 55.7 degrees at Okay. Monthly mean temperatures were mostly above seasonal over the west central and parts of the northwest and slightly below seasonal elsewhere. Temperatures averaged very close to normal at Fort Smith and Little Rock but one degree below normal at Texarkana.

Scattered showers occurred on several dates during March. The more important amounts fell on the 7th, during the periods, 11th to 16th, 21st, 22d, 27th or 28th. Monthly totals ranged, in general, from slightly less than an inch along the western half of the Missouri line to over four inches at several stations in the extreme southeast. The least rainfall, 0.32 inch, fell at Yellville; the greatest monthly total, 6.01 inches, fell at Huttig Dam. Most stations over the north central and the extreme northwest and a few east central stations received less than half their long-term means for March. Southeastern stations received a larger percentage of their long-term means. The long-term means were exceeded only in the extreme southeast. Light snow fell at several stations. White Rock received three inches of snow during March. This was more than any other station received.

The weather was mostly favorable for farm work. The chief farm activities included plowing and land preparation, gardening, pruning and spraying orchards, and sowing spring oats. Corn planting was begun near the close of the month. Pastures and winter grains improved during March. Strawberries were retarded by the cool weather during the middle of the month but bloomed profusely in response to the warm days of the fourth week. In general, fruit prospects were the best in years. Livestock improved and milk production increased.

STORMS

High winds caused several hundred dollars damage on the campus of the Arkansas State Teachers College at Conway, Faulkner County; on the evening of March 27th. A garage and several sheds were destroyed and a house and shop building were badly damaged. A frame building a mile west of the campus was also destroyed.

Lucius W. Dye

SUPPLEMENTAL DATA

ARKANS MARCH 195

	Wind	direction		Wind	speed p. h.		Relat		idity ave	erages			oer of d	ys with	precipi	itation			nset
Station	Prevailing	percent of tupe from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	2:30A C6T	6:30A CST	65 0,712	9.41	Irace	01-09	10 49	6605	1.00-1 99	2 00 and over	Fotal	Percent of possible sunshine	Average sky cover sunnse to su
FORT SM!TH W8 AIRPORT	SW	15	9.6	30	SW	5	66	73	+8	49	2	0	4)	1	1	7	62	5.0
LITTLE ROCK W8 AIRPORT	SSW	14	11.2	36	Nw	2.7	66	74	49	50	3	0	6	3			12	66	5.9
TEXARKANA WB AIRPORT	-	-	-	-	-	~	-	80	-	-	4	2	4	2			12	-	-

CLIMATOLOGICAL DATA

TABLE 2

TABLE 2					Tem	perat	ure		-					". "."	P	recipi	tation					
										No	ol Da	зув					Snow	, Slee	e t	No	of D	sys
Station		Average Maximum	Ачетаде	Average	Departure from Long- Term Mean	Highest	Date	Lowest	Degree Days	Max		Min.	Total	Departure from Long- Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	or More
HIGHLAND DIVISION																				Г		
ALUM FORK ASHOOWN BENTON BENTONVILLE BOONEVILLE CAMP CHAFFEE CLARKSVILLE CONWAY OAROANELLE OE OUEEN OEVILS KNOB EUREKA SPRINGS FAYETTEVILLE FAYETTEVILLE CAA AP FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP FORT SMITH WB AP FIT SMITH WATER PLANT GLOBERT GRANNIS GRAVETTE GRAPH ORDON	AM R //	64.8M 68.8M 65.0 62.3 66.2 63.1 65.3 65.8 66.2 68.2 58.5 62.2 61.6 59.0 61.6 64.7 64.3 65.6 64.7 64.1M	38.0M 41.6M 36.9 36.3 39.4 38.0 41.3 40.7 39.7 37.7 38.1 36.0 36.0 36.0 36.0 36.2 40.4 36.0 36.2	51.4M 55.2M 51.0 49.3 52.8 49.3 51.7 53.6 53.5 653.5 48.0 50.5 49.3 47.3 48.8 52.4 50.8 52.4 50.8 49.3 49.3 49.3 51.7 53.6 65.	- 1.7 - 1.6 1.3 0.0 0.2 - 1.7 0.5 - 0.9 0.1 - 2.0 0.2	83 85 85 85 85 86 80 85 86 85 84 85 82 87 82 84	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	23 8 8 25 8 8 27 8 21 8 21 8 22 8 22 8 22 8 22 8	427 317 440 499 396 486 422 371 373 357 526 466 482 546 483 511 403	000000000000000000000000000000000000000	0 10 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.91	- 2.67 - 2.72 - 1.70 - 1.96 - 2.28 - 2.26 - 1.61 - 1.35 - 1.92 - 2.05 - 2.41	0.75 1.09 1.05 0.29 0.65 0.67 0.46 0.67 0.76 1.08 0.90 0.46 0.58 1.53 0.50 1.02	21 28 7 7 6 7 13 21	0.0 0.0 1.0 0.1 T T 0.0 0.0 0.0 T T T T 0.0 T T T		16		2 0 3 2 1 1 0 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1	0 1 1 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0
GREEN MOUNTAIN HARRISON HOPE 3 NE HOT SPRINGS 1 NNE LEAO HILL LITTLE ROCK WB AP MALVERN MAMMOTH SPRING MARSHALL MENA MORRILTON MOUNT 10A MOUNT MAGAZINE MOUNTIN HOME MOUNTAIN HOME OF ENG NARROWS OAM NASHVILLE PEACH SUBSTA NIMROD OAM OKAY OZARK PARIS PERRYVILLE ROGERS RUSSELLVILLE SHERIOAN TOWER SILOAM SPRINGS SUBIACO TEXARKANA WB AP TURNPIKE WALORON WHITE ROCK	AM R // AM AM AM AM AM AM AM AM	62.4 64.5M 66.5 62.4M 63.5 66.9 62.9 63.8M 64.3 65.1M 62.0 63.2 63.2 63.2 63.2 63.0 65.0 65.0 66.1 62.0 63.6 65.0 65.0 65.0 66.1 65.7 66.5 65.7 66.5 65.7 66.5	34.2 40.5M 42.4 34.3 42.8 35.2 36.3M 41.1 40.2 35.1M 37.8 34.5 35.7 37.7 37.7 37.7 37.7 38.6 40.1 37.8 41.7 38.8 41.7 43.8 43.	48.3 52.5M 54.5 48.4M 53.0 52.9 49.1 50.1M 52.7 52.7 50.6 46.8 50.5 47.7 50.5 50.8 50.5 70.5 50.8 40.5 40.5 40.5 40.5 40.5 40.5 40.5 40.5	- 0.5 - 3.1 0.3 0.0 0.2 - 0.7 - 0.2 0.1 1.44 3.55 0.7 - 0.2 0.66 - 1.0	86 83 83 83 83 83 86 85 86 87 86 87 84 85 85 85 87 84 85 87 87 88 87 87 88 87 88 87 88 87 88 88	6 7 6 6 6 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7	19 8 8 8 29 20 20 20 20 20 20 20 20 20 20 20 20 20	333 388 388 500 4739 455 4545 444 454 445 446 447 447 447 447 447 447 447 447 447	000000000000000000000000000000000000000	0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 1 0 0 1 1 0 0 1 1 0 1 0 1 1 0 1 0 1 1	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.31 0.91 3.81 2.70 1.78 2.60 2.73 2.60 2.73 2.60 2.73 2.60 2.44 0.99 0.99 0.15 2.11 2.11 2.13 2.13 2.13 2.13 2.13 2.13	- 2.78 - 1.04 - 1.662 - 3.33 - 1.77 - 1.533 - 1.74 - 2.77 - 2.77 - 2.58 - 2.49 - 0.66 - 2.48 - 1.93 - 2.65 - 1.95	0.466 0.818 0.666 0.45 0.95 0.666 0.55 0.666 0.686 0.630 0.677 0.7	221 213 213 213 214 214 215 214 217 222 243 214 217 217 217 217 217 217 217 217 217 217	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0		211		3 0 2 3 3 3 5 5 3 3 3 3 3 1 1 1 1 2 3 5 6 5 3 3 1 1 1 2 3 5 6 6 5 5 3 1 1 1 2 3 5 6 6 5 5 5 5 6 6 6 5 6 6 6 6 6 6 6 6	
OLIVISION ARKAGELPHIA BALO KNOB BATESVILLE LIVESTOCK BATESVILLE L ANO O NO 1 BLYTHEVILLE BRINKLEY CAMOEN 1 CORNING CROSSETT 7 S CUMMINS FARM OUMAS 1 EL ODRAGO CAA AP FOROYCE 6 W HELENA	AM AM AM	67.1 63.9 62.2 64.6 62.4 64.5 67.7 59.7 69.7 64.5 62.8 65.9 66.8 66.5	41.0 39.3 34.4 37.9 39.4 40.5 38.5 41.0 39.6M 36.9M 41.8 41.9 42.9	54.1 51.6 48.3 51.3 50.9 52.4 54.1 49.1 55.4 52.1 49.9 53.9 54.4 54.7 53.9	- 0.6	86 81 84 82 79 82 86 82 86 79 82 85 84 82	6+ 7 6 6	27 8 25 8 18 20 19 20 23 20 26 20 23 20 26 8 25 20 26 8 27 8 26 8 30 8	42 51 43 43 39 36 49 31 39 47 36 34 33	4 0 2 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1	3 00 5 00 9 00 4 00 7 00 3 00 3 00 3 00 2 00	2.12 1.56 1.25 2.03 2.51 3.20 1.97 5.43 3.39 2.51 3.99 3.98	- 2.67 - 2.58 - 2.78 - 1.86 - 2.66 0.28	0 · 7 · 7 · 0 · 8 · 8 · 0 · 6 · 6 · 1 · 3 · 3 · 0 · 7 · 0 · 9 · 9 · 1 · 1 · 1 · 2 · 4 · 4 · 0 · 9 · 9 · 1 · 2 · 1 · 0 · 8 · 1 · 0 · 9 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1	8 14 14 14 2 14 5 14 7 14 2 13 5 13 7 14 1 13 1 1+ 7 13	0.0 0.0 1 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000			6 1 5 1 4 1 6 2 5 3 4 1 5 4 8 3 7 2 9 2 1	0 1 2 0 0 1 0 0

				Ten	pera	ture									P	recip	itation					
									ays	No.	of Da	ays		- d	6 1		Snow	, Sle	et	No.	of D	ays
Station	Average	Average Minimum	Average	Departure from Long. Term Mean	Highest	Date	Lowest	Date	Ω	Max.	+	Min.	Total	Departure from Leng- Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	JO or More	.50 or More	or More
JONESBORO KEO MAGNOLIA 3 N MARIANNA 2 S MARIANNA 2 S MARIANNA 12 S MARKEO TREE MONTICELLO 3 S NEWPORT PARAGOULO PINE BLUFF PINE BLUFF PORTLANO APRESCOTT ASAINT CHARLES SEARCY STUTTGART STUTTGART STUTTGART WALNOL RIOGE CAA AP WARREN WILSON WYNNE	64.1 63.3 64.3 65.8	40.1 40.4M 39.4M 41.9 39.3 37.3 43.0 41.0 36.0M 41.0 39.8 42.1 39.8 42.1 40.2 38.5 42.7 40.2M	51.2M 52.5 52.0M 51.1M 54.6 52.3 49.4 752.7 50.1M 53.3 52.0 52.2 752.1 54.0 51.0 61.0 61.0 61.0 61.0 61.0 61.0 61.0 6	- 0.9 - 0.3 - 0.9 - 3.6 - 3.9 - 0.1 - 1.7 - 1.3 0.3 - 1.1	84 83 84 85 82 81 84 83 81	6 6 6 6 6 6 6 6 7 7 7 6 6 7 7 6 6 7 7 6 6 7 6 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 7 6 7 6 7 6 7 6 7 6 7 7 7 6 7 6 7 7 7 6 7 7 7 6 7 7 7 7 8 7 7 7 7	26 25 24 29 29 28 26 29 28 29 28 29 29	20 20 20 8 20 20 8 8+ 20 20 8+ 8+ 8+ 8+ 8+ 8+	442 392 394 432 333 402 436 389 461 318 404 437 334 334 344		5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		1 · 82 3 · 25 2 · 78 3 · 28 3 · 28 1 · 72 1 · 28 3 · 45 2 · 19 5 · 2 · 61 2 · 61 2 · 62 2 · 63 2 · 64 2 · 43 3 · 64 2 · 64 3 · 64 2 · 64 3 · 64 3 · 64 4 · 64 5 · 64 5 · 64 6 · 6	- 2.95 - 2.10 - 1.88 - 3.07 - 3.64 - 1.86 - 2.37 0.02 - 1.82 - 2.49 - 2.06 - 1.82 - 2.52	0.95 0.57 0.76 1.30 0.88 0.50 1.11 1.24 0.91 1.35 1.70 0.95 1.03 0.80 1.05 1.49	14 13 14 13 14 13 14 13 22 14 14 14 13 14 13	T T T O O O O O O O O O O O O O O O O O			5 10 7 6 7 4 4 7 8 5 10 3 9 6 8 7 7 2 6 6 6 7	1 2 2 2 3 1 1 3 2 2 5 3 1 1 2 2 2 3 1 2 2 2 3 3 1 2 2 2 2 3 3 2 2 2 2	0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 1 1 1 1 1 0 0 0 1
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ALICIA ALUM FORK	3.07		T						T	i		- 40	.30	.13	.65	T	.20 .05				.40	.47						.26		:40
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BLYTHEVILLE BOONEVILLE	2.03	•06	Τ						.28 T					•10 •33	1.32		.25 .09	Ť			. 1						.0	-16		1 .40
BOUGHTON	2.05		.16										.07	•52	.92		•20			,		.93						.31		
BRINKLEY BUFFALD TOWER	2.51	T	.07					+35 +94					• 20	• 33	.70 .40		.26				T	T +20						.63 1.10		
BURGETTE CABOT 4 SW	3.31		. 16					.75 .21				+14	+30 +34	.78 .55		.04	.43				.3	3 .35						e65		-19
CALICO ROCK CAMOEN I	I • D4 3 • 20		T .46					+14 T	T + 04					T +72	.64	.04	.23				Т	• 86						Ť		
CAMP CHAFFEE CARLISLE I SW	2.47							• 1.2				.94	+24	•D1	-28	. 28	.06				• 2	2 .67					a 40 .			+22
CLARENDON	2.40		•05					•01	-16			+25	+05		1.03	-11	•11				. 4	6 .14						.29		-17
CLINTON COLO SPRINGS	1.58							Ŧ						.19	. 79	• • • •	•12				. 3	+12					. 30			•20
CONWAY		+14						.03 .41				-01	.59	.67	+10 1+17		•10 •17				+2	0 .42						.53		-14
COTTER	.54							05						.15	41 • 70						. 5	18						0		
CROSSETT 7 S CRYSTAL VALLEY	5.43 3.03		.80					•03		+12			T +04	2.42	.75						• 2	1.06	·					+03 +67		1
CUMMINS FARM	3.39		.07					•28				T		.95			.18				• I							•63		
OAISY OAMASCUS OANVILLE	1.89		T											•25	. 75		.08				.1	021	3					.53		•28
OARDANELLE OE OUEEN	2 • 35		T										+20		•76 •22						I.D	8 .05						•37 •37		
OERMOTT DES ARC	3 . 83		.37	+14	+19)			1 .18			.04	т	1 + 2 +	.59		. 16					.68						.55	a 4a 4a	
OEVILS KNOB DUMAS 1	3.95		. 99	.02				• I 5					• 15	1.21	. 27		•10				T • 1	8 .4						.90		+15
EAGLE GAP EL ODRAGO CAA AP	3.68	. 51	.23	~	-	-		т	-	-	-	-	.68	18.	-04	.08	- T	-			.5	9 .43		-	-	_	-	-01		
EUREKA SPRINGS EVENING SHAOE	1.53 I.01		•,				т	. 44	.14					T	• 32 • 69		.38					• 2	1			т		.10		•08
FAYETTEVILLE CAA AP	I • 75 2 • 59						1.53					Ť		•43		.18					.3		3				* O			*03 T
FAVETTEVILLE EXP STA FUIPPIN CAA AP	1.89 I.04	Т					.24	• 72 • I1	• 0 4			T		. 54 .50	T	*15				T	.0		B				T	.06		*02
FOROYCE 6 W FORESTER 4 WNW	3 • 2 3	T	. 51					.43					1	.70	.99		.18				• 3	4 .61						010		
FORT SMITH WB AP R// FT SMITH WATER PLANT	2.08	1						T .46					1	.28	.49		.09				1.0	1 .6.	,				• 2	.10		•I1 •32
FOUNTAIN HILL FULTON	4.89	. 80	. 75					Ť	ĭ	. 61				1.90	.54	.07	.04				1.1	9						1.70		
GEORGETOWN GILBERT	2.50		.14					•05	•29					•56	•46		.13					, I	2					•13		
GLENWOOO GRANN IS	2.32	-	-	-	-	-		-	-	-	-	-	-	- 54	.30	-	-	-	-				-	-	-	-	-	23		
GRAVELLY GRAVETTE	3.18							T						. 70 T	• B 7	. 17	* 14				.5	4 .0					• 2	+54 T		
GREEN FOREST GREEN MOUNTAIN	_	_	-	_	_	-	_	_	_	_		_		-				~	_	-	-	_		_	-	_				
GREENBRIER GREENWOOO	1.85	-	~	-	-	-	-	-	-	-	-	-	-	.54	-11	-	.08	-	-		• 2	5 .55	- 02	-	-	-	~	.35	~ .	.05
GUROON HAMPTON	3.28		.47					T	1 02					.T1	.78	•03						1 - 12						.04		
HARRISON HEBER SPRINGS 3 NE	1.40							- 48						+47			08				• 2	. 10					7	.29		.08
HECTOR HELENA	2.39		.20					•13 •16	. 29				. 22	+24	1.18		+ 32					•0	3	T			. 7	-19	.08	
HENOERSON 2 W	2.33		. 60					7	.01			• O 1 T		.05	.49	.06	.03				. I	1 .87	7					-10		
HOPPER HORATIO	1.88		.03					T	T				. 73	+ 34	.27 .18		.05				• 0 • 2 • 6	2) . 76	.01				. 60	.73		.38
HOT SPRINGS 1 NNE HUTTIG DAM	3.3I 6.01		1.13					.01				- 41	023	1.45	1 - 14	.45	.07					1.77	7							
INDEX JASPER JESSIEVILLE	3.15		1.05 T					.37	T					T	.47 .53		-14				- 1	.70 .14						1.00 .04 .35		
JESSIEVILLE JONESBORO KEO	3.08		Т					.06 .05	.14			• 63	.04 .15	.15	.95		.05 .38				. 2							+II		
LAKE CITY	3.25		.08						. 10	*			T	+14	1.03		.15											.10		
LANGLEY LEAD HILL	2.22		T					1 +42 +37						.27 .49	•10	,	.13				T . 2	- 47						.59		
LEE CREEK LEOLA	3.32		.25						• 27					+ 32			.10					1.05	.12					.53		T
LITTLE ROCK WB AP R// LITTLE ROCK FILTER PL	3.81	T						•13 •28	1.2			+22		. 70	T . 80	.17					.8 .8						.60			•37
LDST CORNER LDUANN 2 SE	1.84		. 40						. I 7				• 15	1.70	.30		.74				•0	1.40	+11					.78		
LURTON	2+41		.06					.01	. 4.4				•03	. 26	1.34		+17					ī _	-					01.		. :
MAGNOLIA 3 N MALVERN	2.70	T	T	T	-	T	T	. 47	- +0T		-	.08	•22	. 34	+24 +75	T	*U7			.10 T	.54		.02				• O:			
MAMMOTH SPRING MARIANNA 2 S	1.78 2.78		. 18					.64	- 0 1				+21	.45			•20					T						. 54		т .

DAILY PRECIPITATION

Table 3—Continued

ARKANSAS Jules

	77				_									Dα	y of m	onth														170	ARCH	2330
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARKEO TREE MARSHALL MARVELL MELBOURNE MENA	3.28 .65 2.97 1.34 2.73		• 20					• 20 T	.88			• 50	1.00	1.25	1.30 .53 .73	• 05	•32 •22 •25 •11			T	,	•06	•63	т					.08 .06	T		_
MONTICELLO 3 S MOROBAY L ANO D NO 8 MORRILTON MOUNT IOA MOUNT MAGAZINE	3.45 4.10 2.60 2.76 2.47		•54 •58 •02	•30				.18 T	*02 T			+42	.41	1.30 1.12 .54 .56 .52	•42 •97 •83 •43	•06 •02	.08 .06 .06					.18 T .09	•51 1•03 •60 •56 •67	.01					•18 •55 •63 •62			
MOUNTAIN HOME MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY 6 NNE NARROWS OAM	.90 .91 1.24 2.16 1.70		•02	т				•09 •11 •58	•03			•02		•50 •05 •38	•07 •48 •64 •32 •37	*09 T	.13 .24 .22 .15				т	.11 T	•10 •11 •77 •77	T					T •08 •34			т
NASHVILLE PEACH SUBSTA NATHAN 4 WNW NEWHOPE 3 E NEWPORT NIMROO OAM	2 • 11 • 67 2 • 33 1 • 72 2 • 73	Т	•27 •10 •03	•02					•04			.02		.40 .19 .10 .25 .70	.25 .33 .43 .88 .83		.08 .05				т	•20 •10 *	•76 1•25 •02 •94	T					.07 .45 .35			
OOELL ODEN OKAY OSCEOLA OWENSVILLE	2.99 3.04 2.03 2.38 2.79	т	•22 •15 T				Ť	•54 •02	•21 T			•11 •01	•03	• 45	•46 •47 •02 1•54 •62	т	.16 .15 .05 .26					•27 •35 •48	•57 •58 •34						.27 .83 .44			•72
OZARK OZONE PARAGOULD PARIS PARKIN	1.26 1.36 1.28 1.58 3.13	Ţ	T • 2 7				T •08	т	. 48				τ •13 •15	.50 .38 .40	•34 •42 •31 •02 1•43	•13 •05	.08 .18 .22 .02 .25		т			*04	•60 •44 •70			3 3 **		т	•13 •32 •04			•07
PERRYVILLE PINE BLUFF PINE BLUFF CAA AP PINE RIGGE POCAHONTAS 1	3.45 3.45 3.54 2.50 2.19	•11 •26	.30					T •41	•29			.01 .03		• 35	*13 1*11 *47 *91	T • 18	*07 *12 *01 *14 *16			•03		.44 T .51	.56 .57 .06 .52	•01				. 27	.74 .69 .33 .52			•04
PORTLANO PRESCOTT RATCLIFF R150N ROGERS	5.30 2.95 1.88 3.29 .87	Т	•55 •50 •62	•15				T	•10 •04	• 39	Т	T	T T •05	1.35 .03 .45 .30	•98 •60 T •34 •02	.75 .05 .17 .84	•12 •01 T •05 •02	•15				₹ •65	1.00 1.70 .05 .62 .09	•20 •02				• 56 • 23 • 01	т	*10 T		т
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM SEARCY	2.41 2.61 1.76 .97 2.60		• 23 T					•04 T	• 25 • 03 • 04			• 24	•30	.18	.04 .95 1.20 .55	•12	.06 .11 .23			т		•43	• 24	•12					.35 .31 .30	•10		•11
SHERIOAN TOWER SHIRLEY SILOAM SPRINGS SPARKMAN 4 E STAMPS	3.40 1.56 1.01 2.02 2.87		. 56			т		*30 T T	T • 40 • 13			÷ 25	•22	• 17 • 06 • • 54	.58 .70 .12 .92 .57	•20	•21 •06					.75 .30 .30	.38 .13 .47 .40	•03					•62 •35 T			•10 T
STAR CITY 2 S STEVE STUTTGART STUTTGART 9 ESE SUBIACO	2.42 2.97 3.05 1.80	-	.06	-	-	-	-	T •02	- •29 •29	-	-	-21 -57	•25 •01 •16		.72 1.03 .80	- 16	- •10 •18	-	-	-	т	- 54	1.70 .52 .41	-	~	-	~	-	- •40 •44 •40	-	-	- 17
SUGAR GROVE TAYLOR TEXARKANA WB AP R// TURNPINE WALORON	3.42 3.39 2.82 1.39 1.77	•75	* 80 T			Ť		.10					•05 •20	+43	•47 •47 T •07	•06 •05 •22 T	•22					•10 •01 •93 •12	.69 1.10 .29 .01	.01				Ť	•44 •20 •40 •28			•95 •14
WALNUT GROVE WALNUT RIOGE CAA AP WARREN WASHITA WHITE ROCK	1.28 1.55 3.64 2.40 1.71	T T	.61					•06 •12				• 30	•20 •04 T		T •21 •30 •43	•18 •03	.30 .03 .06	T	•02	T		T •46 •20 •09	•58 •60 •49					• 29 •09	•08 •08 •80			
WHITECLIFFS WILSON WYNNE YELLVILLE	1.88 2.43 2.66 .32	.30	e 25	T				T •47 •32	٠				• 39	.20 # .50	•10 • •66	٠	•10 2•43					•10	• 73						•40 •34			

Table 5										/A.	111	. 1	EI	ATL	Ŀn	AI	. 01	1L	<u>ی</u>												4	ARCI	1956
Station										_	1	_				Day	OI M	lonth	1														era ge
	,	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avera
ALUM FORK	MAX MIN	67 44	70 39	70 39	74 36		83	79 34	60	64 34	72 38	71 39	49	38 32	45 34	45 33	52 34	67 31	68 45	30	49	49	54 35	66 39	67 45	70 33	77 56	75 42	77 52	64	70 32	74 45	64.8 38.0
ARKAOELPHIA	MAX	68 42	68	68 41	77 37		86	81	61	67	74 39	69 47	51 37	41	48	49	57	72 32	69	60	56 27	49	53 38	69 46	72 44	74 37	81 56	83	72 57	70 36	75 34	80	67•1 41•0
ASHOOWN	MAX	67	68	72 46	78 34		86	86	62 25	65	75 42	70 49	51 40	40 35	50 36	48	56 32	73 29		70	27	63	49	69	77 41	76 38	80 55	80 54	77 55	70 37	75 34	80 47	68.8 41.6
BALO KNOS	MAX	65	70 40	67	69		81	79 37	55 25	64	70 35	69	44	39	47	51	51	68	67	59	48	47 31	59 40	69 36	65	67	79	76 60	75 54	66	65	74 38	63.9
BATESVILLE LIVESTOCK	MAX	68	59 36	75 40	66 28		79	82	49	58	66	70 37	45	40	38	43	53	52	73	63	50	49	52	57	70 43	67	69	84	74	70 34	67	68	62.2
BATESVILLE L AND O NO 1	MAX MIN	66	72	70 35	70 29	80	82	80	59	65	70	69	44	39	45	53	51	69	68	55	49	48	60	68	65	68	81	74 61	75 54	66	68	75 39	64.6
BENTON	MAX	62	70 37	68	75 30	79	83	78	61	65	73	69	42	40	45	49	54	70	67	61 28	51	48	55	69	66	72	79 53	77	75 54	68	70 31	75 41	65.0
BENTONVILLE	MAX	64	72 35	59 42	72 32		85	68	57 18	66 41	68	63	39 25	34 23	41	43	51 26	69	65 38	47	54 25	47 33	51 35	66 45	61	73 35	82 59	80	75 43	56 35	70 25	75	62 • 3 36 • 3
BLYTHEVILLE	MAX MIN	60	71 48	67 44	70 36		79	74 3 7	59	64	67	61 38	42	43	44	53 37	50 35	65 33	60 42	44	47 23	56 27	61 42	70 38	63 36	66 31	79 52	75 54	67 40	66 33	61 39	77	62.4
BOONEVILLE	MAX	61 43	75 34	66 37	78 31		85	79 33	63 22	69 40	74 47	66	4.7 3.5	38 34	45 34	44 38	52 32	71 28	66	57 28	57 30	4.8 3.5	52 37	70 45	72 40	78 39	81	82	76 50	64 34	76 31	79 47	66 • 2 39 • 4
BRINKLEY	MAX MIN	64	70 42	66 42	70 37		82	78 39	55 31	64	70 42	70 38	4 j 36	42 36	46 36	50 38	50 38	68 35	67 46	58 34	49	51 33	59 40	70 37	69 49	67 29	78 57	78 60	75 54	67 36	65 33	71 45	64.2
CAMOEN 1	MAX MIN	71 30	68	70 50	72 35		85	86 69	75 27	63	70 40	77 36	66 40	55 36	42 36	53 39	48	56 37	71 43	70 35	55 26	57 37	44	56 42	73 43	74 35	77 39	83	83 59	70 35	72 34	78 45	67.7
CAMP CHAFFEE	MAX MIN	70 31	62 29	73 35	6 5 29		80 55	85 41	42	61	68	72 42	51 35	40 34	39 31	45	45	54 27	71 31	66 28	53	55 33	43	52 41	69	71 39	77	82	84	65 35	64	76	63 · 1 35 · 4
CLARKSVILLE	MAX MIN	66 41	73 32	67 35	75 34		8 6	79 31	60	68 36	71 42	62 42	47 37	39 34	45	48	49	70 27	67	59	50	48	52	68	69	75 38	82	79 63	77 53	65 35	70 32	75 47	65.3 38.0
CONWAY	MAX MIN	66 47	72 38	68 43	74 35		83	81	60 28	66 42	73 45	70 45	47 35	39 35	46 36	51 36	50 37	71 31	68 43	63 32	5 1 2 7	49	58 38	69 38	67	73 33	8 O 6 O	77 62	76 54	67 36	71 32	75 49	65 · 8 41 · 3
CORNING	MAX	40	70 41	70 40	65 34		77	82 51	52 28	52 32	65 42	68 41	42	40	40	42	52 34	43	61	57 31	49 .	47	53 39	60 35	70	53	66	82	72 53	67 40	62 32	62 39	59 • 7 38 • 5
CROSSETT 7 S	MAX MIN	67 36	69 53	75 58	77 36		86	84	61	68	73 36	71 49	67 40	45 38	58	54	57	72 30	72 39	68	.54	53 30	60 41	74 39	73 43	72 31	80 52	82 60	80 52	73 36	75 33	79 41	69.7 41.0
CUMMINS FARM	MAX MIN	66	66 41	66 52	66 52		79	76 36	26	65	73 38	70 45	49	42 36	47 34	49	51 37	68 34	6 6 42	64	50 27	50 32	58 38	71 37	69	68 35	68	79 58	72 55	76 37	67 35	73 43	64.5
OARDANELLE	MAX MIN	62	74 37	68	76 34		85	79 35	62 25	69	74 42	69 43	48	39 34	48	50 38	50 35	71 30	68 48	63	53	48 35	53 37	69 41	69	75 38	81 56	79 63	73 54	66 37	74 34	77 47	66•2 40•7
OE OUEEN	MAX	64	70 42	72 39	80	82	86	78 40	65 22	67	75 41	75 50	50 36	40 35	50 33	48	60	74 28	71 36	62 29	57 30	50 35	50 38	70 46	71	76 39	83 48	82 61	77 55	7 <i>2</i> 33	77 31	80	68 • 2 39 • 7
OES ARC	MAX	60	63				78	82 54	74 26	56 29	64 39	72 43	59 36	42	41	47 34	50 34	51 32	69 36	65 31	47 25	50 28	59 36	5.8 3.4	70 38	70 36	68	78 48	77 52	67 38	68 32	66	62.8
OEVILS KNOB	MAX MIN	57 44	67 44	64 43	68		80 61	72 27	55 22	60 41	64	62 32	39 29	33 26	35 29	42	47 25	66 36	62 39	52 27	45	40 28	43	60 40	62	65 34	71 56	72 54	68	60 38	65 33	65 47	58.5 37.4
DUMAS 1	MAX	66	67 49	68 56	72 39		85 65	81	60 28	65	74	65 38	55 39	42	55 40	50 40	51	70 35	70 36	60	52 28	45 30	58	74 39	65	69 34	80 59	80 58	74 53	67 38	68 37	74	65.9 41.8
EL OORAOO CAA AP	MAX	68 43	68 51	70 46	77		85	76 34	60 27	66	73 40	68	54 36	42	53 41	49	54 35	70 36	68	53 37	5 5 2 8	49	56 40	71 41	74 44	75 38	78 52	81 59	69	72 35	75 36	81	66.8
EUREKA SPRINGS	MAX	62 51	71	66	70 35		85	78 25	55 21	66	66	64	39 26	35 26	39 27	42	47	67 36	64	51	52 25	49 34	51 35	64 41	62 41	74 37	81 61	78 63	75 44	57 38	69 28	70 49	62.2 38.7
FAYETTEVILLE	MAX	61 48	72 32	61	72 31	76 59	84 57	66 24	57 25	66	67	62 32	40	36 29	39 30	44	50	67 33	62 36	48 28	53 29	44 34	52 36	66 44	63	72 41	80 60	79 61	71 43	57 37	70 29	74 53	61.6
FAYETTEVILLE CAA AP	MAX	61 38	71 30	58 34	71 27		85	48	57	64	66	45	39 25	3 7 2 5		44 31	49	67 28	5 7 3 5	46 29	52 22	41 36			62 36	72 36	72 61	78 52		56 34	68 27	72 52	59.0 35.6
FAYETTEVILLE EXP STA	MAX		67 32	61	69 29		82 63	77 22	55 22	63	66	64	40	37 24		43	49	66 30	63	53 26	50 22	48	52 34	65 42	63 38	72 35	79 58	78 60	76 41	58 34	68 26	72 51	61.6
FLIPPIN CAA AP	MAX MIN	63	74	61 36	73 20		8 7 5 5	55 30	56 26	68 32	71 35	5 7 3 6	41 27	37 26	42	49 34	49 32	68 37	59 36	47 27	51	39 35	51 35	67 32	5 B 3 6	73 32	83 62	77 59	65 42	60 39	69 27	71 43	61.4 36.2
FOROYCE 6 W	MAX M1N	65	68 50	72 53	76 43		84 67	82 38	60 26	66	73 43	70 48	49 38		4 94 3 6	47	54 36	70 35	68 43	65 35	5 5 2 8	43 36	54 39	71 43	71 47	73 35	80 56	81	77 55	70 39	74 39	76 53	66.5 42.9
FORT SMITH WB AP	MAX	61	74 36	65 40	76 35		85 61	61	62	68 39	73 41	58 42	4.4 3.5	38 35		43	53 33	70 35	66 43	54 35	54 30	44 36	51 38		71 44	78 40	8 Z 6 3		65 43		76 34	79 50	64.3
FT SMITH WATER PLANT	MAX	67	72 26	71 33	73 28		84 57	81	59 21	66	70 36	69 37	47 33	41	45 34	45 25	51 29	69 25	69	59 31	61	50 33	51 32	66 43	68 38	75 40	81 51	80 65	78 47	63 31	71 28	74 56	65.6 36.0
GILBERT	MAX		75 29	67	74 25		87 68	80 31	60 19	69	69	67 38	45 37	37	41	50 36	53	70 25	65 37	53	53 17	4.7 3.7	53 36	63 31	66 37	73 27	83 64	77 63	75 50	64 30	72 23	72 36	64 • 7 35 • 2
GRANNIS	MAX	60	68	67	75 41		82	76 33	61 25	64	72 42	69 47	47 34		48		56 31	71 34	35	57 31	54 29	49 32	49 33	65	65 35	7.8 3.4	78	74	69	69 38	76		64.1 35.3
GRAVETTE	MAX	63	71	59	71 31		84	68 22	58 16	66	69 42	61 19	41 22	37	42	43		68 25	64 33	48	54 26	47 32	51 35		61		82 59		69	56 34	70 25	75	62 • Z 35 • 6
GREEN MOUNTAIN	MAX																																
HARRISON	MAX MIN	62	74	67 34	72 26		86 63	74 25	57 19	67 33	68	61	3.6 2.8	38	3 9 3 0	45		67 31	65 36	47 26	50 20	48 31		67 35			81	77 57	67 44		69		62 • 4 34 • 2
HELENA	MAX MIN	62	68	67	70	75	82	79 41	55	64	70 40	67 40	46 39	45 36		52 40	50 39	67 37	67 50	60 37	52 31	52 33	62 43		68	68 38	80 51	77 56	75 53			70	64.7 43.1
HOPE 3 NE	MAX	70 34	65	69 47	71		80	83 67	69 28	62	66	75 51	54	4.5 3.5	4 0 3 5	51 39	40 33	56 35	71 40	70 37	54 28	55 31	43 36	50 41	70 45		74 38	80 56	79 56			75 41	64.5

Table 5 - Continued		Τ								_						Day	Of M	onth						_		•					1.0-	ARCH	
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	31	Average
HOT SPRINGS 1 NNE	MAX	67 45	70 47	71 51	77 42	01	83 62	80 35	63	66	72 46	70 45	45 35	39 32	46 35	47 34	54 37	73 30	70 48	62 33	5 6 29	52 33	54 36	68 43	72 52	73 38	80 57	79 60	73 54	67 42		78 49	66.5
JONESBORO	MAX	59 44	71 45	63	70 37	77 52	81 63	59	54 28	65 37	69 39	60	42 36	41 33	44 36	52 34	47 34	64 36	63 44	49 31	49 27	53 29	60 41	70 36	60	67 31	80 54	76 57	68 53	65 42		71 40	61.8
KEO	MAX	66 41	74 41	67 46	72 35	წ0 50	84 63	77 36	58 27	67 36	74 40	65 42	44 34	42 34	47 34	50 37	53 36	71 36	66 43	57 32	51 26	43 33	56 38	73 38	63 47	72 32	80 55	80 59	75 54	67 36		73 46	64.9
LEAO HILL	MAX	65 32	75 29	61	73 26	83 49	87 58	72 29	56 23	68 29	69 31	60 36	42	36 23	42 32	48 34	47 31	68 26	58 40	4.8	52 20	40 35	50 35	69 31	41	75 30	83 61	79 53	73 48	56 31		70 35	62.4
LITTLE ROCK WB AP	MAX	63	71 45	67 46	75 39	80 55	83 69	76 35	60 29	66 40	73 45	61	43 35	40 34	46 39	49 37	52 38	71 36	65 44	49 36	49 30	41 36	55 39	69 44	63 42	73 37	79 60	78 57	67 52	67 41		73 49	63.5
MAGNOLIA 3 N	MAX																																
MALVERN	MAX	67 40	71 43	70 40	77 34	81 48	83 66	82 37	62 25	66 30	74 36	72 46	49 35	41 33	47 34	48 36	53 35	71 30	68 39	64 30	53 28	53 27	54 37	70 39	68 42	73 32	80 53	80 60	78 55	67 35	73 34	79	66.9 38.8
MAMMOTH SPRING	MAX	60 42	72 30	63 33	72 27	82 50	86 63	77 30	53 25	69 30	71 34	65 37	44 34	39 25	44 35	52 30	46 33	67 25	60 40	49 29	51 19	47 26	59 38	70 30	61 43	70 27	85 54	75 59	70 50	60 33		67	62·9 35·2
MARIANNA 2 S	MAX	63	68 44	66 51	68 41	75 51	78 54	78 39	55 28	63 36	70 40	67 43	45 37	42 35	48 35	49 38	50 37	66 34	65 44	58	50 26	51 32	61 41	70 39	69 47	66 32	78 51	77 54	74 53	67 36		68 44	63.5
MARKED TREE	MAX	59 41	70 43	70 45	70 36	76 51	80 64	77 34	52 30	64 37	68 3 d	65 38	44 35	42 33	45 38	51 36	50 35	65 32	60 44	47 32	48 26	55 29	61 42	70 36	67 44	67 30	80 54	76 56	75 53	67 36	62 35		62 • 8 39 • 4
MARSHALL	MAX	61	7 ±	73 38	72 31	79 57	85 65	76 29	59 20	69 46	39	34	36 29	38 29	41 34	49 34	50 31	68 33	64 39	29	50 26	35	51 36	65 30	62 47	70 38	81	75 47	72 46	63 35		71 33	63.8 36.3
MENA	MAX MIN	58 47	70 40	66 48	76 37	79 55	81 65	75 30	62 24	65 40	73 46	67 45	45 33	36 32	45 32	41 36	55 30	71 29	. 64 48	59 33	54 28	49 34	48 36	65 45	70 49	72 36	80 56	80 60	73 52	64 39		76 55	64.3 41.1
MONTICELLO 3 S	MAX	68 42	70 48	68 58	75 44	80 56	84 67	84 43	59 26	64 39	72 41	71 54	57 38	44 36	50 39	49 40	55 39	70 35	69 35	65 29	52 27	52 36	56 39	72 38	72 42	71 36	77 53	80 54	80 54	71 33		75 48	67.2 41.9
MORRILTON	MAX	63 42	72 36	69 41	75 33	78 52	84 68	79 37	59 25	66 39	72 39	65 44	46 34	39 34	46 36	5 1 34	36	69 33	65 46	61 34	51 25	47 36	55 37	67 39	66 47	72 33	78 56	76 58	73 54	65 39		74	65 • 1 40 • 2
MOUNT IOA	MAX	67 28	61 34	70 38	68 28	74 43	78 61	80 45	45 20	62 30	64 34	73 30	50 40	40 32	40 34	40 35	45	54 30	71 34	65 27	53 19	54 35	40 33	60 35	67	70 31	71	79 58	78 53	66 31		73 36	62.0 35.1
MOUNT MAGAZINE	MAX	5 5	63 47	58 41	67 47	71 56	74 59	69	52 22	58 40	61 43	59 36	37 26	32 25	32 27	36 28	40 23	62 34	56 40	49	43	40 28	42 30	58 38	62 45	67 42	71 54	68 55	65 41	54 40		76 49	56.2 37.4
MOUNTAIN HOME	MAX	62	72 39	65 43	78 39	61 33	86 61	79 29	5 5 25	67 38	70 39	66 35	44 32	38 28	43 33	49	48	66 35	57 38	49 29	51 29	43 34	52 34	66 36	65 42	72 33	82 61	79 52	74 48	61 41		71 42	63•2 37•8
MOUNTAIN HOME C OF ENG	MAX	69 29	61	74 33	62 30	72 31	82 58	87 44	44 25	58 27	68 36	69 37	45 34	38 27	37 31	41 33	49	50 31	67 40	58 31	48 25	49	59 33	54 31	67 40	56 30	72 38	83 59	76 49	64 36		68 34	60 • 8 34 • 5
NARROWS OAM	MAX	62	71 42	70 40	71 32	78 41	80 49	83 53	54 21	62 27	61 32	75 43	66 42	45 35	4 1 3 1	50 32	50 35	57 27	72 31	68 27	56 24	56 32	42 35	50 41	68 39	76 34	76 33	80 50	79 55	70 30		75 35	65.0 35.7
NASHVILLE PEACH SUBSTA	MAX	67 31	63 45	67 43	69 43	75 50	79 57	81 50	50 23	61	64	72 43	54 40	43	40 29	49 31	48	56 31	70 35	6 8 28	55 29	54 31	42 33	49 40	68 46	75 37	72 40	78 55	79 54	68 34		73 35	63.2 37.7
NEWPORT	MAX	63 42	74 39	67 41	73 34	80 51	83 65	77 33	58 27	68 38	71 37	66 41	47 36	41	48 37	54 34	51 35	70 33	64 48	53 34	51 25	51 28	60 39	72 34	66 49	71 30	83 55	77 56	75 53	68 36		75 40	65.3 39.3
NIMROO OAM	MAX	70 32	60 37	73 38	70 30	76 45	80 62	84 50	59 23	63 35	66 35	75 45	60 40	43 33	40 34	46 36	49	51 30	70 31	69 33	55 23	55 35	40 35	54 38	68 42	69 32	74 34	79 60	78 52	68 35		73 45	63.9 37.7
OKAY	MAX	69 49	70 45	72 48	78 37	81 58	85 68	84 41	62 27	65 35	76 45	74 53	54 40	41 36	51 35	49 40	57 34	72 34	71 39	70 33	58 28	55 38	50 39	69 47	76 43	74 39	80 56	80 62	78 57	71 36		79 49	68.6 42.7
OZARK	MAX	62	74 31	67 38	75 32	80 46	85 62	75 34	61	68 35	71 40	63 39	46 38	38 33	46 31	46 32	50 31	70 27	66 41	55 30	53 27	45 34	52 35	68 43	71 42	76 38	81 42	83 58	75 49	64 38		75 48	65 • 0 37 • 7
PARAGOULO	X A M N 1 M	60 41	67 37	67 37	66	74 50	78 64	75 29	52 28	62 37	66 36	63 38	42 34	40 32	43 36	52 34	50 34	65 31	61 42	48 31	48	5 4 27	59 40	68 34	64 40	64 28	79 53	75 56	72 53	64 35		67 35	61.5
PARIS	X A M N I M	63 41	77 37	69 39	79 32	84 48	87 67	82 24	64	71 35	75 37	71 44	48 37	40 34	46 33	46 36	51 33	71 29	67 30	61 31	55 27	49 34	53 36	71 42	71 45	79 36	84 61	85 61	78 50	65 37		78 45	67.6 38.6
PERRYVILLE	MAX	73 38	71 46	69 40	77 34	81 49	84 63		43 25	68 37	74 35	68 42	47 34	39 35	46 35	50 37	53 37	71 30	69 44	63	53 28	55 36	56 37	70 48	67 45	75 34	80 57		78 55		74 34	71 41	66.1 40.1
PINE BLUFF	MAX	67 44	70 48	69 50	70 39	81 55	84 66	79 37	61 29	68	75 43	66 43	45 36	42 35	47 37	49	56 40	72 38	70 46	62 37	53 30	44 36	59 39	74 41	66 48	74 36	81 56	80 62	75 55	70 39		75 50	66.4 43.0
PINE BLUFF CAA AP	MAX	65	68 45	68 43	75 39	79 54	83 64	76 34	60 29	66 39	73 39	59 40	43 37	42 41	47 37		54 39	70 37	68 45	49	52 29	45 34	57 40	73 40	63	71 35	79 55	79 57	66 45	67 39		74	64.1 41.2
POCAHONTAS 1	MAX	67 26	73 35	67 40	69 31	78 39	83 37	78 33	54 28	64 36	69 35	66 39	42 35	39 30	44 36	54 32	52 33	68 29	64 40	48		50 24	60 40	70 33	68 45	66 28	82 52	78 57	73 52	65 35		68	64.1 36.0
PORTLANO	MAX		65 42	69 53	72 40	74 40	78 58	84 68	79 29	62 30	66 36	72 45	73 41	44		55 40	48	55 36	72 40	70 38	51 28	53 30	45 38	59 42	68 38	71 37	70 38	73 50	79 59	70 42		71 42	65.6
PRESCOTT	MAX	65 31	64 47	68 47	70 39	7 6 39	78 60	85 68	69 28	60 28	64 37	74 45	58 41	41 34	43	48 36	45	53 33	70 36	68 37	53 26	54 27	43	53 40	68 47	72 38	74 38	78 57	80 57	68 37	71 37	73 37	64.1 39.8
ROGERS	MAX	62 27	72 38	62 43	70 34	76 53	84 64	74 25	57 20	65 41	67 41	63 31	40	36 27	39 30	43 32	49	67 33	64 37	49	54 25	47 34	5 0	65 43	64 40	72 36	81 60	78 62	75 42	57 38		75 48	62.2
RUSSELLVILLE	MAX MIN	67 39		70 35	75 34	80 47	8 5	81 35	60 25	67 36	72 38	71 43	47 36	40		50	49	70 27	67 42	59 32	52	50 35	53 37	68 39	68 42	74 35	80 54	78 58	76 53	69 29		75	65.9 38.4
SAINT CHARLES	MAX	67 42	65 41	68 49	67 44	72 56	78 59	82 6 1	7 6 29	56 34	65 45	72 51	54 39	43	43		50 39	50 36	68 45	65 37	48	51 34	51 39	62 39	72 47	62 35	69 47	79 55	78 42	66 38		66	63.3 42.1
SEARCY	MAX	63 42	71 40	65 43	71 37	78	81	79	56 28	65	70	68 43	45	39	47 37	50	52	69	67 47	59	50 28	47	58	70 37	67	67	80 51	75	75 54	68	67	73 42	64.3 39.8
SHERIOAN, TOWER	MAX	66	72	71	75 34	82 56																											
SILOAM SPRINGS	MAX	67 36	64 30	72 31	59 32	73 33	77 60	84	35 21	59 23	65 44	69 32			35 30		42 26	52 30	69 32		48	52 28	40	53 38		62 38	74 42	81 62	81 44	62 35		70 32	59.6 33.8
STUTTGART	MAX	64	70 48	6 9	74	79 52	64	80	5 9 29	67	73	70 45	46 38	42	48	51	52		67 37	57		49	59	74 40	69 51	69	80 53	80 60	75	69	69	75 47	65 · 8 42 · 1
																	1																

DAILY	TEMPERATURES
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M/	٩R	C	Н	- 1	95	6

Table 5 - Continued																			_													MARC	Н 1956
Station		L.,			,											Day	Of M	lonth															a die
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
	MAX MIN		62		66 39	70 44	77 58		75 29	56 31	63	71 46	53	43	41	4.7 39	49	49	67 37	64 35	47	49	47	59 38	70 45	61	65 41	77 50	77 54	66 38	65 36	65	61.8
	MAX	62 47	74 42	68 42	77 36	82 52	85 69	77 33	61 27	69 37	72 56	66 43	45 36	38 33	46 34	48 36	49 33	69 35	65 47	55 34	55 28	45 35	54 36	68 44	70 50	78 39	81 58	89 62	75 50	64 38	74 36	76 46	65.7 41.7
	MAX		68 50			80 59	85 68	72 34	61	65 39	75 47	66 44	45 36	4 l 35	52 39	48 40	55 33	71 38	70 46	55 37	57 31	44 39	49	68	76 46	74 42	79 56	81 62	69	69 42	75 40	81 56	66.0
	MAX MIN		67 46			74 54	79 66	69 26	52 24	60 40	62 42	60 32	38 29	32 28	35 30	42 28	45 27	64 36	56 41	49 29	46	39 29	44 31	59 43	61 42	64		76 55					57.2 37.5
	MAX MIN	64 37	73 41	68 34	76 29	80 45	83 67	82 30	62 22	67 34	72 35	72 43	48 31	37 32	47 34	44 36	53 31	71 27	70 39	63 27	5 7 2 3	51 34	50 35	68 43	70 38	75 39	81 57	81 62	79 51	64 33	76 29	79	66.5 37.5
	MAX MIN	56 44	70 41	63 41	68 35	77 52	81 66	71 30	53 28	65 40	68 42	59 40	42 35	40 32	4.4 3.8	53 24	47 35	66 33	60 36	46	47 26	50 31	59 41	69 35	55 36	67 30	81 55	73 59	68 45	63 39	63 31	68	61.0
	MAX Mln	68 43	70 53	69 53	76 38	82 59	85 67	78 39	61 26	67 35	75 40	66 45	46 39	41 36	52 39	50 40	56 39	71 38	65 46	60 35	51 26	46 34	56 38	73 46	71 43	73 35	79 53	81 60	77 55	73 35	74 38	77 52	66 • 7 42 • 7
	MAX MlN	59 43	67 47	64 43	67 43	73 54	78 60	72 21	54 23	61 40	60 43	60 30	3 B 2 7	33	35 28	38 28		66 38	60 39	53 26	41	41 28	44 31	60 40	62	68 35	75 55	73 56	70 43				58 • 2 37 • 2
	MAX MIN	64 47	70 47	65 45	70 39	72 39						64 42			46 39	49 39	52 36	65 34	63 43	55 32	53 26	56	61	63 39	64 39	67 32	81 55						64 • 0 40 • 2
	MAX MlN	59 43	68 41	64 47	68 40	75 54						64 40			46 37	50 36	47 36	66 33	61 38	47 30	47 25	54 29		69 40									61.4

Table 6

EVAPORATION AND WIND

																	Day c	l mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
BLAKELY MOUNTAIN DAM	EVAP WINO									.31		.15												.06									
HOPE 3 NE	EVAP WINO							*	* 162	.42		.09					.04	.11	.23	.21	.17° 95	.17	.05 70	36	. 23		.30	. 22 76	.21	.19	. 21	.20	4.1
MOUNTAIN HOME C OF ENG	EVAP WINO		72	39	- 49	- 63	148	130	104	31	- 48	114	81	- 34	42		- 76	40	- 75	95	- 48	- 75	- 26	20	- 60	- 39	- 85		- 112				
NARROWS DAM	EVAP WINO				.17																												1540
NIMROO OAM	EVAP W1N0		.03	.12	.15	.13	.17	.22	- 147	- 44	.18	.14	.08	.08	.07	.03	.02	.07	.24	.22	.12	.12	- 11	.01	.11	.15	.18	. 20 58	.17	. 22	.19 62	.13	4.08
RUSSELLVILLE	EVAP WINO	.12	.06	.15	.06	.23	.20 40	.16	.06	.15	.07	.06	.12	.04	.03	.04	.09	. 15	.22	.13	.17	.07	.02	.03	.05	.27	.16	.09	.29	.20	.13	.11	3.73 734
STUTTGART 9 ESE	EVAP WINO			.07	.13	.16	.11	.15	100	.18	.13	.11	.11	.01	.01	.05	.05	.07	.13	.16	40	.19	.00	.06	.09	.14	.15 95	.19	.15	.09	.14	.12	3.1

Figu

Station	Index No.	County	Drainage † Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Obs vation tim	on	Refer to tables	
Abbott Alicla Alum Fork Aly Aly Aly Aly Aly	0064 0130 0136	Scott Lawrence Saline Yell Clark	1 35 04 7 35 54 1 34 48 3 34 47 3 34 17	94 12 91 05 92 52 93 29 93 25	624 256 755 854	7A 7A 5P 5P 7A	James V. Williams Ruhy B. Owens L. R. Water Works Gurn B. Swaim Mrs. Alta F. Garner	3 C 2 3 5 C 3 C	Louann 2 SE Lurton Madison Magnolia 3 N Magnolia 5 N	4386 4528 4548	Union Newton St. Francis Columbia Columbia	7 3 5 3 4 3	3 22 5 46 5 00 3 19 3 20	92 46 93 05 90 43 93 14 93 13	130 2007 215 315 360	6P	6P Flora A. Bamllton 8A Lola 1. Dollar 7A Loren R. Jones 7A Earl E. Grabam MID Ark. Pwr & Lgt Co.	3 3 3 2 3 5 7	
Antoine Aplin 1 W Appleton Arkadelphia Arkansas City	0196	Perry Pope Clark	3 34 02 1 34 58 1 35 25 3 34 07 2 33 37	93 25 93 00 92 53 93 03 91 12	285 400 522 200 145	7A MID 6P 6P	Drew A. Lamb Bobart Watts John A. Jones Hillman E. Lawrence John W. Tranmell	3 C 3 C 2 3 5 C	Malvern Mammoth Spring Marlanna 2 S Marked Tree Marshall	4562 4572 4638 4654	Bot Spring Fulton Lee Poinsett Searcy	3 3 7 3 5 3 5 3	4 23 6 29 4 44 5 32	92 49 91 32	311 690 234 229 1050		5P Malvern Fire Dept. 7A John B. McKee 6P Dniv. of Arkansas 7A william M. Crick 7A, Mrs. Minnie Borton	2 3 5 2 3 5 7 2 3 5 7 2 3 5 7 2 3 5 7	c
Ashdown Athons Augusta Bald Knoh Batesville Livestock	0300 0326 0350	Little Rlver Howard Woodruff White Independence	4 33 40 4 34 19 7 35 17 7 35 18 7 35 49	94 08 93 58	329 960 218 230 571	7P 7P 7A 7A 6P 6P	Bouthwestern G & B Arra D. Parker David G. Grifflths Univ. of Arkansas	2 3 5 3 C 2 3 5 2 3 5 C	Marvell Maumee Melbourne Mena Monticello 3 S	4696 4746 4756	Phillips Searcy 1zard Polk Drew	7 3 3 3	4 35	90 55 92 39 91 54 94 15 91 48	195 749 610 1207 285	6P	8A Sterlin Wallace MID Verne N. Davemport 7A lvan L. Shrader 7A E. W. St. John 5P Arkansas A & M Col.	3 3 2 3 5 7	c
Batesville L & D 1 Bear Creek Lake Beaty Lake Beaver Beeke	0496 0512 0518	Independence Lee St. Francis Carroll White	7 35 45 7 34 43 5 35 05 7 36 28 7 35 04	9I 38 90 42 90 43 93 46 91 53	277 220 400 930 250	MID 5P 7A	James J. Mitchum U.S. Porest Service L. G. Adamson H. E. Skelton Lowell E. Perkins	2 3 5 C C S S S C C C S S C C C C C C C C C	Montrose Morohay Lock & Dam Morrilton Mount Ida Mount Magazine	4934 4938 4988	Ashley Calhoun Conway Montgomery Logan	3 3 1 3 3 3	3 19 3 19 5 07 4 33 5 10	91 29 92 27 92 45 93 38 93 41	125 85 280 663 2800		MID Ark. Pwr & Lgt Co. 7A Corps of Engineers 7A Emma S. Leavell 7A william E. Black 7P U.S. Forest Service	3 2 3 5 2 3 5 2 3 5	c c
Beech Grove Beedeville Benton Dentonville Berryvllle 4 Nw	0536 0582 0586	Greene Jackson Saline Benton Carroll	7 36 09 7 35 26 6 34 33 1 36 22 7 36 26	90 38 91 06 92 37 94 13 93 37	298 221 285 1295 1150	6P 8A 6P 7A	B. B. Bammond P. M. Breckinridge Mrs. Etta C. Burks Earle L. Browne David L. Stidham	3 3 2 3 5 2 3 5 2 3 5 3 C	Mountain Home Mountain Home C. of E Mountain View 1 W Mulherry 6 NNE Narrows Dam	5038 5046 5072	Baxter Baxter Stone Franklin Pike	7 3	6 20 6 20 5 52 5 34 4 10	92 23 92 23 92 08 94 01 93 43	800 800 768 500 425	7P 8A 8A	7P Charles Shiras 8A Corps of Engineers 7A Wildred E. Ward 7A Benry G. Arvin 8A Corps of Engineers	2 3 5 7 2 3 5 6 3 3 2 3 5 6	с. с
Big Fork Big Lake Outlet Black Rock Blakely Mountain Dam Blue Mountain Dam	0746	Mississlppl Lawrence Garland	3 34 29 5 35 51 7 36 07 3 34 36 1 35 06	93 58 90 08 91 06 93 11 93 39	259	6P 7A 8A	Anna M. Liles N. W. Douglas Lee W. McKenney Corps of Engineers Corps of Engineers	3 3 3 6 C	Nashville Peach Suhsta. Nashville SCS Nathan 4 wNW Newbope 3 E Newport	5114 5158 5174	Boward Boward Boward Pike Jackson	4 3 3 3 3 3	4 00 3 57 4 07 4 14 5 36	93 56 93 51 93 52 93 50 91 17	550 373 550 850 225		7A Univ. of Arkansas MID Soil Cons. Service 7A Edna J. Westfall 7A Elsie F. Word 7A Luther D. Summers Jr	2 3 5 3 2 3 5 7	с
Bluff City Blytheville Booneville Botkinhurs Boughton	0806 0830 0842	Nevada Mississippi Logan Van Buren Nevada	3 33 41 5 35 56 1 35 09 7 35 39 3 33 52	93 09 89 55 93 55 92 30 93 20	1200	6P 7A 7P 7A MID	Paul M. Adams lvy W. Crawford Cleo E. Yandell Thomas M. Pearson Iris Elmore Wicker	3 2 3 5 7 2 3 5 C 3	Nimrod Dam Norfork Dam Odell Oden 2 W Okay	5228 5354 5358	Perry Baxter Washington Montgomery Howard	7 3 1 3 3 3 4 3		93 10 92 15 94 24 93 48 93 53	470 425 1500 800 300		8A Corps of Engineers M1D Corps of Engineers 7A Mrs. Renzo Rurst 7A Vera J. Gann 5P J. T. Hargis	2 3 5 6 3 3 2 3 5	c
Bradford Brinkley Buffalo Tower Bull Shoals Dam Burdette	0936 1010 1020	White Monroe Newton Baxter Mississippi	7 35 25 7 34 54 7 35 52 7 36 22 2 35 49	91 28 91 10 93 30 92 34 89 57	240 205 - 460 240	5P 5P	Marshall Bickmon Rohert D. Schaefer Beulah F. Fowler Corps of Engineers G. A. Hale	3 2 3 5 7 C 3 C	Osceola Owensville Ozark Ozone Paragould	5498 5508 5514 5562	Mississippi Saline Franklin Johnson Green	1 3	5 43 4 37 5 29 5 38 6 04	93 27	250 500 396 1900 275	6P	8A Alwyn A. Cowan 8A Guy Cook 6A Burns Wakefield 7A Maurice R. Brandt 4P Radio Station KDRS	3 3 2 3 5 7 3 2 3 5	
Cabot 4 SW Calico Rock Camden 1 Camden 2 Camp Chaffee	1132 1152 1154	Pulaski Izard Ouachita Ouachita Sehastian	7 34 57 7 36 08 3 33 36 3 33 35 1 35 18	92 04 92 08 92 49 92 51 94 18	289 400 116 155 419	7A 7A MID	B. M. Walther Austin D. Barris John W. Knight Edith Z. Lehman U. S. Army	3 7 2 3 5 2 3 5	Paris Parkin Parthemon Perryville Pine Bluff	5586 5602 5694	Logan Cross Newton Perry Jefferson	5 3 1 3 1 3	5 18 5 16 5 57 5 00 4 12	92 49	222 925 325 215	5p	SS Fred J. Girard 7A Corine D. Gardner MID Arthur B. Carlton 7A Francis Finkheiner 7A Mary T. Scheu	2 3 5 3 2 3 5 2 3 5	c c
Canaan 2 W Carlisle 1 SW Carpenter Oam Clarendon Clarksville	1224 1238 1442	Searcy Lonoke Garland Monroe Johnson	7 35 52 1 34 47 3 34 27 7 34 41 1 35 28	93 01	235 172 436	MID 7A	Fromey Dell Borton John L. Tait Ark. Pwr & Lgt Co. B. F. Northern Dr. lrving F. Beach	3 C 3 2 3 5	Pine Bluff CAA AP Pine Ridge Pocabontas 1 Portland Prescott	5760 5820 5866	Jefferson Montgomery Randolph Ashley Nevada	7 3 3	4 10 4 35 6 16 3 14 3 48	91 56 93 54 90 59 91 30 93 23	205 840 330 122 318	5P 7A	MID U.S. Civil Aero Adm 7A J. R. Huddleston 7A Benedictine Sisters 7A Mrs. Pearl Newton 7A R. P. Ramby	2 3 5 7 3 2 3 5 7 2 3 5 7 2 3 5 7	
Clinton Cold Springs Combs 3 SB Compton Conway	1520 1574 1582	Van Buren Scott Madison Newton Faulkner	7 35 35 3 34 58 7 35 48 7 36 06 1 35 05	93 54 93 48 93 18	1400	7A MID	Earl B. Riddick Margaret Zornes Maude C. Brashears William L. Binam Clarence S. Williams	3 3 C C	Prescott SCS Pyatt Ratcliff Ravana Remmel Dam	5970 6008 6016	Nevada Marion Logan Miller Hot Spring	7 3 1 3 4 3	3 48 6 16 5 18 3 04 4 26	92 51 93 53 94 02	800 463 250		MID Soil Cons. Service MID Gna V. McLean 7A Lulu M. Weeks MID Bonny L. Allen MID Ark. Pwr & Lgt Co.	3	c c c
Corning Cotter Cove Crossett 7 S Crystal Valley	1666 1730	Baxter	7 36 24 7 36 17 4 34 26 3 33 02 1 34 42	92 31 94 25 91 56	293 440 1050 175 350	7A 7A 5P 5P	Mrs. Laura Polk Rohert T. Fielding Joe C. Allen U.S. Forest Service Virda Byrd	2 3 5 7 C 3 3 2 3 5 3	Rison Rogers Russellville Saint Charles Saint Francis	6248 6352 6376	Cleveland Benton Pope Arkansas Clay	7 3 1 3 7 3	5 18 4 23	92 11 94 07 93 08 91 08 90 08	231 1387 360 200 300	SS 5P 8A	8A J. B. Yaney SS Roward Fowler U.S. Forest Service 8A Fish & Wildlife Serv 7A William S. Buckley	3 2 3 5 7 2 3 5 6 2 3 5	
Cummins Farm Daisy Damsscus Danville Danville SCS	1834	Faulkner Yell	1 34 08 3 34 14 1 35 22 1 35 03 1 35 04	92 25 93 24	176 629 705 370 370	7A	Cummlns Prison Farm Ferna Jones Tedder Willlam A. Brown J. A. Moudy Soil Conserv. Serv	2 3 5 3 C 3 7	Salem Searcy Sheridan Tower Shirley Slloam Springs	6506 6566 6586	Fulton White Grant Van Buren Benton	7 3 3 3 7 3	6 23 5 15 4 27 5 38 6 11	91 44 92 21 92 17	668 245 290 600 1150	5P 6P 7A	7A Jas. B. Caldwell 7A Adam C. Melton 6P Ark. Forestry Comm. 7A Maud B. Bradford 7A John Brown Univ.	3 2 3 5 7 2 3 5 7 3 2 3 5	
Dardanelle De Queen Denver 2 E Dermott Des Arc	1956	Sevier	1 35 13 4 34 02 7 36 23 2 33 31 7 34 58	94 21 93 18 91 26	330 420 1028 140 204	5P 7A	Gretchen Goodier O. Tucker Vasser Clarence E. Collins L. W. Wilson C. J. Rister	2 3 5 2 3 5 7 3 C	Smithville Sparkman 4 E Stamps Star Clty 2 S Steve	6768 6804 6820	Lawrence Dallas Lafayette Lincoln Yell	3 3 4 3 3 3	6 05 3 55 3 22 3 54 4 53	9I 51	450 260 270 392 682	1	MID A. R. Richardson 7A Mrs. Rachel Butler 7A Hubert Baker 7A Ark. Porestry Comm 7A T. P. Sims	3 3 3 3	С
Devils Knob 1 Dumas 1 Dumas 2 Durham Bagle Gap	2148 2150	Desba Washington	1 35 43 2 33 53 2 33 53 7 35 57 1 34 43	93 24 91 30 91 30 93 59 94 19	162 165 1243	7P 7P MID MID	Earnest C. Camphell Ben Johnson Ark. Pwr & Lgt Co. Goldie E. Brink Maxime M. Booper	2 3 5 2 3 5 7 C C	Stuttgart Stuttgart 9 ESE Subiaco Sugar Grove Taylor	6920 6928 6940	Arkansas Arkansas Logan Logan Columbia	7 3 1 3 1 3	4 29 4 28 5 18 5 04 3 06	93 39 93 48	214 198 500 500 247	6P 7A SS	7A George L. Clark 7A Univ. of Arkansas 7A New Subiaco Abbey 9A O. R. Fennell 7A Idella O. Norwood	2 3 5 2 3 5 6 2 3 5 3 3	с
El Dorado CAA AP Eureka Springs Evening Shade Fayetteville Fayetteville CAA AP	2366 2442	Dnlon Carroll Sharp Washington Washington	3 33 13 7 36 24 7 36 05 1 36 05 7 36 00	92 48 93 44 91 37 94 10 94 10	490 1370	6P 6P 7A 7P 7P		2 3 5 7 C 3 2 3 5	Texarkana WB Airport Turnpike Waldron Walnut Grove Walnut Ridge CAA AP	7262 7488 7524	Miller Pope Scott Independence Lawrence	1 3 1 3 7 3	3 27 5 40 4 54 5 51 6 08	94 00 93 05 94 06 91 21 90 56	2087 675 250	6P 5P	MID U.S. Weather Bureau GP U.S. Forest Service 5p William D. Bivens 6p A. B. Fast MID U.S. Civil Aero Adm	2 3 5 2 3 5 7 3	c
Payetteville Exp. Sta. Fllppln CAA AP Fordyce 6 W Foreman Forester 4 WNW	2528 2540	Washington Marion Dallas Little River Scott	7 36 06 7 36 18 3 33 49 4 33 43 1 34 47	94 24	700 280	MID MID	D.S. Civil Aero Adm	2 3 5 7 2 3 5 2 3 5 C	Warren Washita West Pork Wheeling White Rock	7592 7694 7744	Bradley Montgomery Washington Fulton Franklin	3 3 7 3 7 3	4 38 5 55 6 19	92 04 93 32 94 11 91 52 93 57	206 610 1340 680 2285	1	6P Warren Cotton Oil C 7A Nora Lee Mayberry MID Effie D. Little MID Thomas W. Cone 7A U.S.Forest Service	3	c
Forrest City Fort Smith WB Airport Port Smith Water Plant Fountain Hill Fulton	2574 2578 2598	St. Francis Sebastian Crawford Ambley Hempstead	5 35 01 1 35 20 1 35 39 3 33 21 4 33 37	94 22 94 09 91 50	175	MID MID 5P 7A 6P	Thomas A. Moore U.S. Weather Bureau R. J. Schoeppe Jethro R. Denson lna J. Logan	2 3 5 7 C 2 3 5 3 3	Whitecliffs Wilson Winfrey Wing Wyone	7912 7936 7950	Sevier Mississlppi Crawford Yell Cross	1 3	5 44 4 57	94 04 90 02 94 06 93 28 90 46	290 237 1152 350 260		7A L. M. Snead 7A D. O. Anderson MID Clyde F. Meadors MID Miles B. Turner SS Mm. M. Courtney	2 3 5	c c
Georgetown Gilbert Glenwood Grannis Gravelly	2760 2794 2842 2908 2922	Searcy Pike Polk	7 35 07 7 35 59 3 34 20 4 34 14 1 34 53	92 43 93 33	547	6P 7A 7A 8S 7A	Bessie B. Akers C. Ell Jordan Myrtle 1. Price George T. McVay Willie Pendergrass	3 2 3 5 7 C 3 2 3 5 3	Yellville	8084	Marion	7 3	6 13	92 41	760		7A Glenn R. Nesbit	3	
Gravette Green Forest Green Monntaln Greenbrier Greenwood	2946 2952 2962	Benton Carroll Stone Faulkner Sehastian	1 36 24 7 36 20 7 36 02 1 35 14 1 35 13	93 26 92 12 92 23	1350 1100 360	7A 7A 8A	"Ison B. Schmidt Ohed B. Wilson U.S. Forest Service Thomas E. Cantrell Dorothy M. Been	2 3 5 7 3 2 3 5 3 3								.			
Gurdon Bampton Bardy Barrlson Beber Bprings 3 NE	3132 3154	Calhoun Sharp	3 33 54 3 33 32 7 36 19 7 36 14 7 35 32	92 28 91 29 93 07	362 1150	8A MIO 6P 6P	Roy S. Robbs Boll Cons. Service Theresa Donaldson Bea Gray Beene Leeter B. Logan	3 3 2 3 5 3											
Beber Springs 3 SW Bector Belena Benderson 2 W Bope 3 ME	3235 3242 3258	Cleburne Pope Phlllips Baxter Bempstead	7 35 28 1 35 28 2 34 32 7 36 22 4 33 43	90 35	580	6P 7A 7A 7P	Wayne Stark Irene B. Timko Charley M. Friddell Emll W. Bentzien Cecll M. Blttle	C 3 2 3 5 3 2 3 5 6 C											
Bopper Boratio Bot Springs 1 NWE Buntsville Buttig Dam	3442 3466 3540	Montongery Sevier Garland Madison Dalon	3 34 22 4 33 56 3 34 31 7 36 05 3 33 02	94 22 93 03 93 44	337 630	5P 5P	Lona A. Shielde Elizabeth W. Prida Natl Park Service May Pearl Markley Corps of Engineers	3 3 2 3 5 7 C											
Index Jasper Jessieville Jonesboro Keo	3600 3704 3734	Little Biver Newton Garland Craighead Lonoke	4 33 35 7 36 01 3 34 42 7 35 50 1 34 36	93 11 93 04 90 42	857 730 345	BA 7A 7A 6P 7A	W. E. McDowell Lottle B. Oavis Mrs. Velma M. Dunn Benedictine Bisters B. A. Waller	3 3 3											
Kingsland 3 SSE Lake City Lamar 2 SW Langley Lead Hill	3904 3998 4019 4060	Cleveland Craighead Johnson	3 33 50 5 35 49 1 35 26 3 34 19 7 36 24	92 16 90 26 93 25 83 51	214 230 550	MID 7A MID 7A	Claude W. Bunter Tressa St. Clair Peach Bxp. Station Mabel F. Forrestar F. W. Kellogg	2 3 5 C 3 C 3 C 3 2 3 5											
Lee Creek Guard Sta. Leola WLittle Rock WB Airport Little Rock Filt. Pl. Lost Corner	4116 4134 4248 425D	Crawford Grant Pulaski Pulaski Pope	1 35 42 3 34 10	94 19 92 35 B2 14 92 19	1000 261 257 512	7A 7A MID MID MID	D.S. Forest Service J. R. Rhodes U.S. Weather Bureau L. R. Water Works Catherine Russell												

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post offico.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will he carried in the June issue of this hullotin.

Stations appearing in the tables: but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are hased on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and smowfall data in Tahle 7 are for tho 24 hours ending at time of ohservation. See tho Stntion Indox for obsorvation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inchos or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are hased on the period 1921-1950, adjusted to represent observations taken at the present location.

Additional information regarding the climate of Arkansas may be obtained by writing to any Weather Bureau Office or to the State Climatologist nt Weather Bureau Airport Station, Box 1819, Little Rock. Arkansas.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a sbelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a huilding.

 Gage is equipped with a windshield.

 Data based on observational day ending before noon.

 Adjusted to a full month.

 Data for recorded stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 incb water equivalent to every 10 inches of new snowfall.

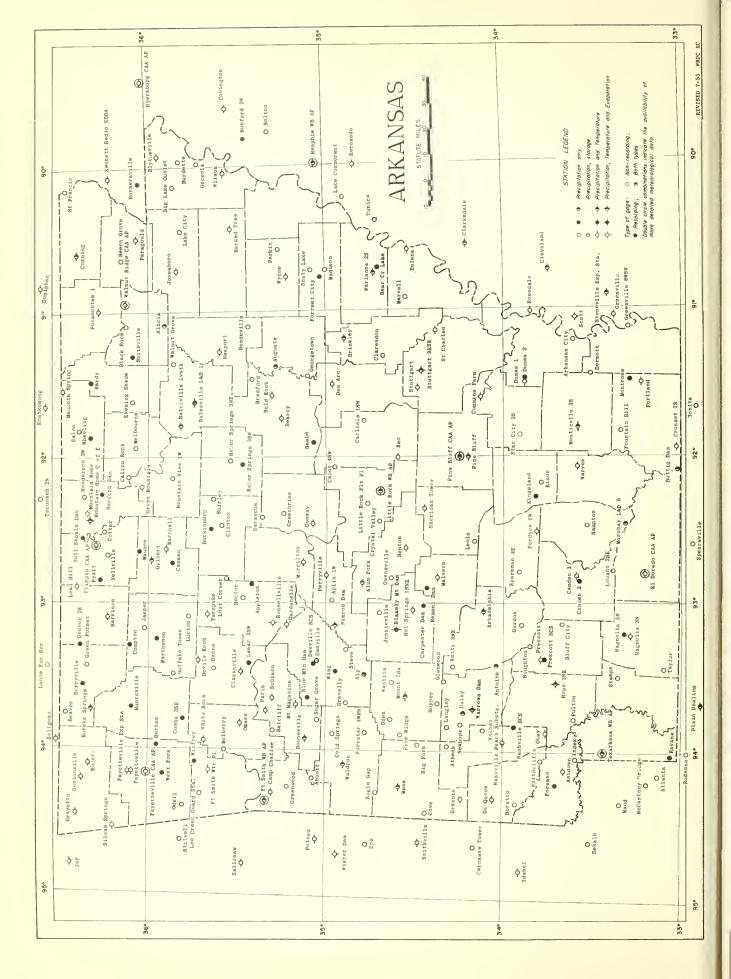
 One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station have been adjusted to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Bourly Precipitation Data).
- R
- Bourly Precipitation Data). Trnce, an amount too small to measure. Trnce
- Includes total for previous month.

 This entry in time of observation column in Station lndex means observation made near sunset.

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NWRC. Asheville. N. C. -- 5-8-56 -- 1005



U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

AGRICULTIANT TO A PTMENT CLAIMS C. C.L. ARY

CLIMATOLOGICAL DATA

ARKANSAS

APRIL 1956
Volume LXI No. 4



ARKANSAS - APRIL 1956

WEATHER SUMMARY

April was cool and pleasant. Rainfall was adequate over most areas and, in general, crops progressed satisfactorily.

The first six days of April were mild. The 2d was especially warm with maximums near 80 degrees and minimums near 70 degrees. Westerly winds pushed a "cold front" across the State early on the 3d but temperatures dropped but a few degrees. Northerly winds pushed a cold front across the State on the afternoon of the sixth and ushered in a cool spell which continued from the 7th to the 12th. Minimums on the 8th were especially low and most stations registered their lowest temperatures on that date. Monthly minimum temperatures ranged from 22 degrees at Lead Hill on the 8th to 41 degrees at Texarkana on the 10th. The 13th and 14th were warm and several stations in northwestern Arkansas registered their highest maximums on those days. The next cool spell continued from the 15th to 22d. Temperatures rose to near seasonal on the 21st and 22d but a cold front followed by northerly breezes on the afternoon of the 22d dropped the temperatures to below seasonal again. The 26th to 29th was very mild. Most stations registered their highest maximums for the month during that period. Monthly maximum temperatures ranged from 78 degrees at Turnpike on the 14th to 90 degrees at Booneville on the 26th. A cold front moved southeastward across the State on the 29th and the last day of April was cool. Monthly mean temperatures ranged from 54.3 degrees at Siloam Springs to 63.5 degrees at Crossett. Monthly mean temperatures were below the long-term means at all stations except Crossett and Perryville. In general, the negative departures were greatest over the northwest, along the extreme south, and at a few stations in the east central part of Arkansas. The temperature departures ranged from +0.6 degree at Perryville to -4.1 degrees at Fayetteville Experimental Station.

Showers occurred on several days during the first half of April. The more generous amounts fell on the 5th, 6th, 9th, and 15th. Fair weather predominated from the 16th to 28th although a few light scattered showers fell during that period. Moderate to locally heavy showers occurred over all parts of the State on the 29th and 30th. Monthly rainfall totals ranged from 1.78 inches at Taylor to 9.05 inches at Burdette. Several southwestern counties, a few west central counties, and many northern counties received less than four inches of rain during April. The heaviest rains occurred, in general, over a band extending from Grannis and Horatio northeastward across the State to Blytheville and Burdette. Most stations in this band received more than five inches of rain during April; many of the stations received more than six inches of rain, and a few stations in the area received more than seven inches. Although the rains were generally adequate, relatively few stations received more than their long-term means for the month of April. The areas which received more than usual rainfall included several stations in the extreme north central part of the State, several northeastern counties, and a few stations scattered over the central, extreme southeast, and southwest. Fordyce received about one-third of its long-term mean but most stations received more than half their long-term means.

Grains made rapid growth in response to adequate to excessive soil moisture. The rainy weather and wet soils interrupted field work, and land preparation lagged in some counties. More than half the cotton was planted in the major producing counties. Rice seeding got into full swing during the last week of April. Soybean planting was underway and much early corn was planted. Some corn was up and was being cultivated. Alfalfa hay was being harvested in the southern counties. The rains at the end of April were expected to benefit the small grains on the upland soils. Oats and wheat continued in good condition in most delta counties. Strawberry picking was underway in most areas except in the northwest. The farm labor supply was being fully utilized.

STORMS

Several damaging storms occurred over Arkansas on the 3d. They included windstorms in Yell and Mississippi Counties, a hailstorm in Phillips County, and tornadoes in Ashley and Chicot Counties. Property damage in Chicot County was estimated at \$20,000 and in Mississippi County at \$40,000 to \$50,000. A severe hailstorm during the forenoon of the 15th left \$10,000 damage to crops and about \$300,000 damage to other property in Arkansas, Garland, Greene, Johnson, Lonoke, Prairie, Pulaski, and Saline Counties. A schoolhouse, two barns, and some other buildings in Washington County were destroyed by wind on the evening of the 28th. Hail caused \$5,000 damage to crops and \$2,500 damage to other property in Howard County during the early morning of the 29th. On the afternoon of the 29th, a tornado destroyed a cotton gin and three houses and damaged two high school buildings and several other houses. The property damage was estimated at \$82,000. For more details regarding the severe storms which occurred in Arkansas during April, the reader is referred to Climatological Data, National Summary.

Lucius W. Dye

SUPPLEMENTAL DATA

ARKANSAS APRIL 1956

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave			Numl	per of d	ays with	precip	ntation			1000
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	613CF CST	Trace	.0109	10-49	90-99	1.00-199	2.00 and over	Total	Percent of possible sunshine	Average sky cover
FORT SMITH W8 AIRPORT	ENE	13	9.0	37	SW	28	71	80	48	47	4	6	1	3	0	J	14	0.3	4.9
LITTLE ROCK W8 AIRPORT	5	13	10.8	29	WNW	Ó	66	75	49	52	5	4	О	40	1		1 4	60	5.5
TEXARKANA W8 AIRPORT	_	-		-	-	-	-	77	-	-	0	4	2	2	1		9	-	-

CLIMATOLOGICAL DATA

TABLE 2

					Ten	pera	ture							_			P	recip	itation					_
										8 /2	N	o. of	Day	э			Day		Snow	, Sle	et		of l)ay
Station		. e g	e g	0	rture Long- Mean					Days	Ma	×	Mi	in.		Long- Mean				epth und		More	More	
		Average Maximum	Average Minimum	Average	Departure from Long- Term Mean	Highest	Date	Lowest	Date	Degree	90° or Above	32° or Below	32° or Below	Below	Total	Departure from Long Term Mear	Greatest	Date	Total	Max. Depth on Ground	Date	10 or N	be	1.00 More
IGHLAND OIVISION														+								Ť	Ė	
LUM FORK SHOOWN ENTON ENTON ENTON ENTON ENTON ENTON ENTON ENTON WHO HAFFEE LARKSVILLE DOWAY AROANELLE E QUEEN VILS KNOB UREKA SPRINGS AVETTEVILLE AVETTEVILLE CAA AP AVETTEVILLE CAA AP AVETTEVILLE EXP STA LIPPIN CAA AP I SMITH WB AP I SMITH WB AP I SMITH WATER PLANT ILBERT RANNIS RAVETTE REEN MCUNTAIN ARRISON OPE 3 NF OI SPRINGS 1 NNE EAO HILL ITTLE ROCK WB AP ALVERN AWMOTH SPRING ARSHALL ENA ORRILTON OUNT AND	AM	73.3 76.0 73.2 69.0 72.0 71.7 73.7 73.7 75.6 68.2 69.2 68.9 67.4 68.0 71.3 72.4 68.0 71.3 77.4 68.0 71.3 73.6 71.5 73.6 71.5 73.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74	45.7 49.2 45.8 46.4 45.2 44.5 48.1 47.3 44.6 43.8 42.0 44.3 43.1 46.6 41.3 40.4 43.8 40.0 41.3 40.4 43.8 44.5 44.6 43.8 44.6 43.8 44.5 44.6 45.7 46.6 47.7 46.6 47.7 48.7	59.56.59.54.86.58.1M.600.88.55.66.0.3M.55.74.59.80.58.0.94.78.55.0.3M.55.74.59.36.63.39.38.55.0.3M.56.	- 2.1 - 1.0 - 2.3 - 1.3 - 1.8 - 1.8 - 1.8 - 2.2 - 4.1 - 3.6 - 2.3 - 2.8 - 7.7 - 2.9 - 1.6 - 0.3 - 2.5 - 1.7 - 1.0 - 3.5 - 1.7	86 85 4 97 6 85 8 86 85 8 85 8 86 8 87 7 8 86 8 8 8 8 8 8 8 8 7 8 8 8 8	28 228 228 227 226 227 226 227 226 227 227 24 24 24 24 24 24 25 26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	30 30 30 30 31 33 33 32 30 27 26 27 26 29 34 28 35 25 25 36 32 36 37 38 32 30 29 31 31 32 30 30 29 31 31 31 31 31 31 31 31 31 31 31 31 31	8 1 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	196 123 197 310 200 223 236 276 276 276 276 276 276 276 276 276 27	000010000000000000000000000000000000000	000000000000000000000000000000000000000	1 0 1 1 8 2 1 1 3 1 1 0 1 1 1 3 2 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		3.85 3.30 5.50 3.24 3.39 3.29 4.60 5.07 3.63 6.25 7.36 3.63 4.70 4.15 3.75 2.77 4.58 3.81 4.88 3.35 3.81 4.88 3.35 3.81 4.88 3.38 4.70 4.15 3.81 4.15 3.81 4.15 3.81 4.15 3.81 4.15 3.81 4.15 3.81 4.15 3.81 4.15 3.81 4.15 4.15 4.15 4.15 4.15 4.15 4.15 4.1	- 3.55 - 1.50 0.03 - 0.75 0.23 - 1.17 - 0.51 - 1.72 - 1.11 - 2.17 - 0.92 0.23 - 1.96 1.35 1.99 0.52 - 2.10 0.27 - 2.10 0.27 - 2.10 0.24 - 0.46 - 0.46	1.10 1.91 1.99 1.82 1.00 1.76 2.23 1.21 2.12 1.21 2.12 1.35 0.96 1.50 2.04 2.04 2.04 2.04 2.04 2.04 2.04 2.0	30 30 29 29 15 29 10 30 29 29 29 29 29 29 29 29 29 29 29 29 29				656655666766686444655 5453555756454655667676656	4 1 4 2 2 4 3 3 3 3 2 2 3 3 3 3 3 3 3 3 3 3	
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ELTA OIVISION																								
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TABLE 2 - CONTINUED

				Ten	npera	ture									P	recipi	itation				
									δ ₀	No	of I	Days			ау		Snow	, Slee	et	No.	of Day
Station	Average Maximum	Average Minimum	Average	Departure from Long- Term Mean	Highest	Date	Lowest	Date	Degree Days	Ma Apove Apove	\rightarrow	Min.	Total	Departure from Long- Term Mean	Greatest Da	Date	Total	Max. Depth on Ground	Date	8	.50 or More
JONESBORO JONESB	70.0 72.7 75.5 72.5 72.5 75.8M 73.5 70.9 75.0M 74.2 74.0 72.0 72.0 72.5 74.0 72.6 70.3 69.7 75.7	48 · 0 47 · 1 M 47 · 1 M 47 · 1 M 46 · 5 45 · 3 M 49 · 0 45 · 3 M 49 · 0 45 · 8 · 4 47 · 9 47 · 2 M 46 · 4 47 · 6 48 · 6 47 · 6 48 · 6	59.0 60.1 59.8M 60.0 62.3M 60.0 62.7M 60.7 59.2M 61.5 61.0 60.2 60.2 60.2 60.2 60.7 60.7	- 2.3 - 2.8 - 2.7 - 0.7 - 1.7 - 0.8 - 1.0 - 3.1 - 2.8 - 1.0 - 0.6 - 2.6 - 0.6 - 0.8 - 0.3 - 1.0	86 88 87 86 87 84 87 83 86 86 85 88 87 84 88	28 28 28 28 27 28 26+ 29 29 28 29 28 29 28 27	35 33 34 32 35 32 31 37 37 37 37 40 35 34 36 35 32 38 36 30	8+ 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	218 181 139 188 197 148 192 241 163 210 139 178 148 217 240 121 181 233	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	4.92 6.32 6.89 6.62 2.44 5.01 3.94 4.19 4.49 3.56 6.61 4.40 5.89 5.24 3.54 6.14	0.35 - 2.25 2.75 0.97 0.08 - 0.82 - 1.24 - 1.24 - 0.25 - 0.78 - 0.44 0.91 1.67 - 1.66 - 1.35 0.64	0.95 2.48 0.90 1.75 1.92 1.02 1.23 0.83 1.66 1.50 1.20 2.00 2.00 1.62 2.48 1.25 2.70 0.96 1.25	6 29 30 5 6 15 6 5 29 6 10 30 6 30 15+ 5		00000000000000000000		9748866683665546567666	5 3 3 5 6 2 5 4 3 3 3 3 3 4 4 3 2 2 3 3 3

Stotion	Total													Day	of m	onth														
Stotion	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17 1	3 19	20	21	22	23	24	25	26	27	28	29	30
BOTT ICIA UM FORK	2 · 3 l 3 · 10 3 · 85			Т	T		.42			. 80	•42 •38	.06 .18				.73	.22												1.60	048
Y 1TY 3 NE	6.41		т	*14 T	.04		.52 .62			. 80	1.10 1.33	T • 0 2		.06	T	.58						.08							.93 1 1.26 1 2.23 2	21
TOINE LIN 1 W	6.15				+26		.85				1.45	T				.16						• 30							1.90 1	.65
KAOELPHIA KANSAS CITY HOOWN	5.25 4.66 3.30	T	T	.04	.50	• 0 6	3.12			1.10	. 35	.02				.15					-20	7	Ť						1.85 1	.10
HENS	4.86		T	.12			.46	<u> </u>		.42	.65					.23						.09							.70	
GUSTA LO KNOB TESVILLE LIVESTOCK	4.88 4.16 3.22	T		т	+24 T		1.10			Г	.61 .68	•09	T			• 39 • 41	.04						.09	.01					1+41 1+17 +79	074
TESVILLE L AND O NO 1	3.99		T	T	T		• 13				1.05	•06				. 65	.17						T						1.05	.68
ATY LAKE AVER ECH GROVE	3.34		.10	. 20		'	1.68			.24	.34 .60	•17 •10 •36			T	.57 .67	.01					1	.01	.28 .01			.05		1.56	. 20
TON	5.50	.13	Т	+61	Т		1.03			. 33	1.10	*04				1.24 .01	- 41					.06							.71 1	.12
TONVILLE RRYVILLE & NW FORK	3.24	.06		• 2 7						+38 +25		• 04 • 04				. 81 . 70	.03							+42 +19					.99	
LAKE OUTLET	6.36 2.99		T T	*15- 1*36	7		.89			•15	. 58 . 74 . 75	·25				• 70 • 60	. 40					e 0 2	• 0 2	т		1		T	1.10 / 2	
KELY MOUNTAIN OAM	5.01	.04		.05	.28		.47				1.52	Т				.10	T					•13							.88	. 95
THEVILLE DNEVILLE	3.39	+11		1.20		• 75	.04			. 89	.31				.57	•11 •11	.06					817.5	.05 T	т					.50	.80
IGHTON LOFORO	5.20		.06		.05		.91				1.63	.04				1.18							. 35						-31 1	•52 •85
NKLEY FALO TOWER OFFITE	5.53 3.18 9.05	.10		1 + 92			1.30			. 5.3	1.12	T .45				.15								.30					66	5.00
OT 4 SW	4.49			Ť			1.30			• 6 1	• 98	T				• 12													1+12	
ICO ROCK OEN 1 P CHAFFEE	4.21		T	.10	.09		1.30			.78	1 • 64 • 74 • 59	+04 +03				• 64 • 03 • 80	+44					T		.09		.04			13 T	.17
LISLE 1 SW RENOON	4 . 86				.26 .41	Ť	1.60				• 75 • 72	.05				ī	*17							• • •					1.50	20 3.87
RKSV1LLE NTON	4 • 60		•02							1 + 25	.13 1.10					1.76							• 02	•1d						.22
O SPRINGS WAY NING	2 · 80 5 · 02 3 · 95		•15 •03	• 30 T	.62		. 35			. 47	.60 .55	.05			T	• 20 • 39	.19						•02	.03					2.23	.50
TER	3.79				•02		.16				. 84	. 33				1.10	* 1.7						.00	.35					1.50	
E SSETT 7 S STAL VALLEY	5.79 5.05			•28 •68	1.38	1.78	3 2 • 2 4			.01	*11 *10	T				.41						.09							1.69	.48 .48
HINS FARM	3 - 27			.14		. 8 .				• 10	.45				+ 12							0.7							-11	• 71
SY ASCUS VILLE	6.23 3.69 3.42	.14	T .01	T •29		Т	. 17				1.40	•02				+ 05 + 34 + 12	. 76					1 7	T	. 05 T				T	1.90 · 1.27 .87	. 87
ONELLE	3 · 63 6 · 25	.15	T +10	+ 12					.10	. 34	1+21					• 32						.25							.78	. 78
MOTT	3 - 76 5 - 67	.10			.49 .13		1.91				.41	.03				• 2 m • 10	.20						1	т					1.50	.64
ILS KNOB IAS 1 GLE GAP	3.22	.23	-05	•03 •25	_	1+10	.66	-	_	+ 12	1+14		_	• 2 O		1.26	*2 *				_		_	- 27	_	_		_	1.70 .11	.41
OORAOO CAA AP	2.91		T	• 0 4		1 + 75	9 .02			.28	4.0					.23	.05				T	•21	7	. 31		T			.02 1.62	. 52
NING SHAOE ETTEVILLE	3.79	.07	.04	т	Т					.63	1.01	* 1 1 T			т	.58	.28					T	.10	.38		.05		.07	1.06	.09
ETTEVILLE CAA AP ETTEVILLE EXP STA	4.70	.20	.05	• 26						.36	.10	-01			.18	•91						T	.28	.25		т		1	2.11	
PPIN CAA AP OYCE 6 W T SMITH WB AP R//	3 . 75		.05	.10		.47	7 .50			. 85	.08				T	1.26						•05	.11	.03				.02	.09	.03
SMITH WATER PLANT	4.06	.04	•02	.04		'	Т			. 74	. "0				Ť	.65						1	.04	. 44					1.99	.03
INTAIN HILL TON DRGETOWN	3.45	T	-	- •03	т	-	.80	-		• 2 3	- .58	7	-			- +22 +31	.40				-	-	.15	-	-			.23	1.12	.24
BERT NW000	3.90	T		•02 •08			•30			1.26	1.04	-18				•58	. 44					.04		• 04	1				1+50 2+43	.10
NN 1S VFLLY	3.65		•07	.13						. 5.2	.73					. 35	.14												.44	
VETTE EN FOREST	3 • 81		T							. 56 T	.25	.86				.65 .81	-14					T	-04	.14					2 • 0 4 2 • 5 9	
EN MOUNTAIN ENBRIER	-	-	_	_	-	_	_	-	_	_	-	_	-	-		-	-		-		-	-			-	-		-	-	
ENWOOO DON 3 E PTON	2 • 74 3 • 79 3 • 32			• 02 T	.10	T	1.06				1.16	1 .02				•62	.06					.08	• 10							
PISON ER SPRINGS 3 NE	4.88			ī						. 78	1.03	î				1.60	.04						.09	+ 25 T		.05			/•09 •91	. 0.2
TOR FNA	4.08	.22	.02		.83		.96				.96	T				.87	.02						* 11 T						1.30	
DERSON 2 W	3.35	-	-	-	.04	-	. 75	-	-	-	1.15	T		-	-	.15			-			.05	-	-	-					.21
PER ATIO	5.81		T	.14			.74			1.25	1.30 .52	Ť				• 02 • 11						+22							1.51 2 1.14 3 1.23 3	. 34
SPRINGS 1 NNE TIG OAM EX	7.38 4.94 3.35		T	.02	.99		3.37			.10	.10					.39						•06								.03
PER SIEVILLE	3.62		.03	•22 •10			. 45			.02	.92	•02 •03				.55	•12 •30							+14			.04		-54 -69 1	-10
ESBORO	6.32		.03	. 23	+46	.01	.95			. 4.2	.60 .18	.29			ľ	+85 +32	.17						.12	T					.70 2.48 L	. 78 .16
E CITY GLEY	5.90		Ť	.10	•03		1 • 60 T				. 72	* 2 7 T				.68	120					Т	ī						1.23 1	
O HILL CREEK	5 · 3 7 4 · 40 6 · 20	.19		-11	.10		1.23			e 50	1.13 .16 .64				ī	.78	. 15							. 45					7.05 7.06	.23
TLE ROCK WB AP R//	4.64	T	Т	• 0 3	.10		.64			e 75	+02				.07	.07						T	T						.43 1	. 95
TLE ROCK FILTER PL T CORNER ANN 2 SE	5 • 0 3 3 • 9 5 2 • 8 3		T	•02		. 65				* P4	.01 1.20 .30				.23	+06								1.20					.05	.50
TON	3.91		.08 .05		.98		1.77				1.10	•10 •11				.70	.13						.06	.22					+36	• 22
NOLIA 3 N	2 • 6 4 5 • 2 8		# 0 4 T	т			.90 1.09			1.10	.83					# 36 T	т					+02 T	.05						+17	• 51 • 80
VERN MOTH SPRING	5.35			1.31						#67 T	-03	+12			1.50	· 2 :			7				. U 5						+99 +75 1	0.3.1

DAILY PRECIPITATION

Table 3-Continued

ARKANSAS APRIL 1956

Table 3—Continued	ਰ													Da	y of m	onth																
Station	Toto	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARSHALL MARVELL MELBOURNE MENA MONTICELLO 3 S	3 • 8 8 4 • 2 5 4 • 0 6 2 • 4 4	-	_ T T	•38 - •46 •53 •24	-	1.02	-	-	-	- •01 •14		.03	-	-	-	.77 - .79 .19	.38	-	-	-	-	•	т	-	•04	-2	6 -	-	- т	.96 1.52 .07	•22 •30 1•54	
MOROBAY L ANO D NO 8 MORRILTON MOUNT 10A MOUNT MAGAZINE MOUNTAIN HOME	2.20 5.24 3.38 4.09 4.18	•16	•03 •01	•12 •16	•19	•04	1.47			•63	.31 1.16 .99 .20					.05 .12 .07 .72	•04						•01	T •05						2.00 1.79	1.38	
MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY 6 NNE NARPOWS OAM NASHVILLE PEACH SUBSTA	4.64 3.26 4.31 6.68 5.62	T •31	T T •06	*28 *09 *05 *03			•33	-		T • 0 7	1.09 1.05 1.40 .63	• 0 9				1.18 .56 .57 .02	•30 •39 •15						•22		•12	Т	• 0 3			1.85 .45 1.40 3.20 2.25	2.23	
NATHAN 4 WNW NEWHOPE 3 E NEWPORT NIMROO OAM OOELL	5.69 7.30 5.01 4.54 4.94	•21	T •03	•25 •32		*10	1.23		Т	.70 1.10	.64 1.15	T	!		Ť	•91 •08 •80	• 06 • 02 • 32					. 29		• 05	.57					1.36 2.18	2.70 1.00 1.37	
OOEN 2 W OKAY OSCEOLA OWENSVILLE OZARK	4.39 3.26 5.45 6.03 4.26	•01	T T	•14 T •06	•53 T	T T	.66 1.10 .70			• 70 T	.62 T .77 1.07 2.09	.03				•10 •21 •66	•09 •72 •16						•20	Т	•20	1				.74 1.40 1.10	1.31 1.23 2.10 .10	
OZONE PARAGOULO PARKIS PARKIN PARKS	5.37 3.94 3.91 5.67 4.52	•16	.08 .01	•56 •10	•59		.62 1.35	•01		• 16 • 88		•2	l.			.99 .83 .60 .50	•40							1 •10 •19						•16 •75	•43 •50 1•92 1•20	
PERRYVILLE PINE BLUFF PINE BLUFF CAA AP PINE RIOGE POCAMONTAS 1	4.81 4.19 4.49 4.77 3.42	•24 •04 T	T •06 •02	•07 •11 •02	•04	1.50	.24 1.66 .41			•71 •83 •02	.23 .75 .06 .52	• 0				•17 •02 •41 •12 •53	•01 •42						•02 T	2 T						.18	1.62 1.03 2.12	
PORTLANO PRESCOTT RATCLIFF RISON ROGERS	4.72 4.34 4.08 4.01 2.57	.46	T •01	T •23	1.10	•20	2.00 .95 2.13			• 47	1.62 1.07 .64	T • 0	3		•49	.95 .13, 1.05 .15	т						•05 •09						• 75	1.37	1.09	
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM SEARCY	4.21 6.61 2.10 4.30 4.40	•01	•03 T	•14	•56		1.75			1.05	1.06 .30 .54	• 0	9		•26	• 75 • 19 • 57 1•00 • 37	.48 .23								T • 0 9					1.56 1.00	2.48 .11	9
SHERIDAN TOWER SHIRLEY SILOAM SPRINGS SPAPKMAN 4 E STAMPS	5.75 3.00 4.30 3.46 3.96	T	*04 T	. 48	•20		1.27			. 73	1.10	•0				•10 •10 1•87	•08 •01						т		•11					1.70 .85 .70	2.21	
STAR CITY 2 S STEVE STUTTGART STUTTGART 9 ESE SUBIACO	3.92 5.80 5.89 5.92 3.94	•15		•52	•16 •34 •35		1.75	,			.6: 1.30 .70 .44) •1	4			• 90 • 04 • 01 • 56	•23 •32 •12							т	•11	1				•02 1•77	1.46 2.70 2.69	9
SUGAR GROVE TAYLOR TEXARKANA W8 AP R// TURNPIKE WALDRON	2 • 6 6 1 • 7 8 3 • 2 9 3 • 2 9 2 • 5 0	т	•04	•13 •07 •03	•02	• 70	• 78	3	•1	.60 .81	9 .1'		5		•14 •03	•16 •22 1•05 •25	Т					• 04	• • •	1 .0	9					.28 .80 1.20		5
WALNUT GROVE WALNUT RIOGE CAA AP WARREN WASHITA WHITE ROCK	2.56 3.24 3.56 4.25 4.72		•03 T	• 46	Т	1.25	.34 5 .46			.41 .5 .6	7 •1 7 •1 1•7	9 T L 5 .4	0		•02	•79 •96 •03	*11						T	• 0	•52					.70 1.98	01 01 01 01 01 01	3
WHITECLIFFS WILSON WYNNE YELLVILLE	3.59 3.41 6.14 3.49			T •39	• 58		1.40	1		•2	6 *	7 • 6 • 1				•20 •83 •53 •85	•06						+2 T	0						*	2.00	0

DAILY TEMPERATURES

ARKANSAS

Table 5)A.	ГГ)	(1	Ŀſ	МΡ	ĽК	AI	U	KE:	S												A		1956
Station					. [_		. 1								Of M											_				_	Average
ALUM FORK	MAX	72	78	79	80	72	79	7 79	8	9	10	11	12	13	14	15	16	17	18	19	20	21 79	22	23	24	25		27				31	
	MIN	56	67	63	45	46	51	34	32	43	52 34	62 42	38	38	78 42	78	34	35	67 42	70 39	74 39	3.9	78	72 46	63	44	82 50	61	62	64	47		73.3
ARKAOELPHIA	MIN	59	65	63	81 41	7 <u>1</u> 52	51	75 41	75 34	47	56 42	65 45	38	47	78 57	52	69 39	40	43	37	76 39	37	72 50	52	68	82 47	84 52	61	81 64	82 64	69 54		75.0 48.7
ASHDOWN	MAX MIN	64	78	79 64	40	76 50	46	76 38	74 34	74 51	54 41	64 42	76 33	47	60	77 61	37	72 40	74 41	72	79 35	42	73 53	71 54	70 51	82 47	77 52	82 54	63	67	74 58		76 • 0 49 • 2
BALD KNOB	MIN	74 59	68	64	74	73	78	76 35	32	62 47	43	45	40	78 45	76 58	71 50	38	63	36	71 38	72 38	77 36	76 53	73 48	43	79 43	52	60	63	62	66 48		72.2
BATESVILLE LIVESTOCK	MIN	76	71 61	65	43	76 37	75 47	33	67 27	63 34	47	40	67 35	74 42	78 54	52	58 35	60 29	65 35	32	75 34	74 33	80 44	80 32	37	63 38	78 51	82 58	63	63 58	42		71+3
BATESVILLE L AND D NO 1	MAX	73 60	68	80 70	78 44	77 39	50	78 36	69 26	67 45	50 44	63 44	74 34	77 42	79 56	73 44	34	63 29	32	72 31	72 31	79 33	77 52	75 34	63	79 40	62 60	62	67	62 62	67 41		73.2 45.0
BENTON	MAX	75 59	80 68	79 61	78 39	70 46	79 51	77 36	69 30	63 43	55 40	62 44	73 36	82 44	77 58	74 47	65 35	64 34	69 35	70 36	73 35	76 35	73 47	70 51	62 45	8 1 4 2	82 49	8 0 5 5	85 61	8 1 6 2	69 49		73.2 45.8
BENTONVILLE	MAX	77 60	73 66	72 53	69 35	77 35	76 44	56 32	70 26	59 41	42 32	63 35	73 32	82 42	83 53	72 49	55 38	58 29	61 35	68 30	71 30	77 37	67 46	50 30	59 36	79 46	83 52	84 61	77 65	68 43	70 40		69.0 41.8
BLYTHEV1LLE	MAX	77 45	84 69	81	71 46	74	76	58 37	63	54 45	51 43	62 42	70 44	75 52	79 47	52 41	58 36	62 36	63 39	71 52	69 41	78 41	78 55	63 39	60 40	81 45	85 56	85 61	87 66	79 61	69 45		70.5 47.1
BOONEVILLE	MAX	74 61	79 70	77 58	74 43	79 41	80 48	62 35	74 30	64 45	46 37	65 44	72 37	86 47	78 62	74 52	62 36	59 34	6 B 3 6	72 37	74 30	80 33	74 49	67 47	64 44	84 49	90 57	86 61	84 64	79 52	69 53		73.2 46.4
BRINKLEY	MAX M1N		8 1 5 7		78 44	73 51	76 56	75 39	32	65	53 43	63 45	72 41	79 46	78 60	75 49	62 41	62 34	6 B 4 O	69 36	70 38	76 37	75 48	71 48	62 44	80 43	8 2 5 5	84 59	86 64		48		72 • 6 4 6 • 1
CAMDEN 1	MAX	83 57	79 63	83 72	77 43	82 50	68 52	80 40	69 34	75 43	67 42	49 42	65 38	78 48	8 5 5 4	83 62	81 41	72 37	69 41	73 40	72 35	76 39	82 51	73 52	75 50	74 45	85 51	88 55	84 62	88 69	80 58		76 • 5 48 • 9
CAMP CHAFFEE	MAX M1N	78 53	75 70	79 60	75 41	72 40	78 44	78 34	61	71 46	47 37	4 6 3 8	65 35	73 45	85 55	78 58	78 37	61 34	5 9 3 7	67	70 34	74 35	79 48	79 48	60 43	62 46	83 51	86 55	84 62	79 51	79 51		72.0 45.2
CLARKSVILLE	MAX M1N	72 58	77 66	75 55	72 41	76 41	80 46	69 36	68 29	65 43	4 7 3 8	63	74 36	83 45	81 55	71 48	61 35	62 31	67 32	70 37	73 33	78 35	75 45	60	60 41	84	85 54	83	81	55	68 56		71.7
CONWAY	MAX	75 60	79 68	80 69	78 46	73 45	81 52	73 36	67 31	63 48	50 40	64	75 38	62 46	79 61	75 50	63	62 36	70 39	70 38	74 36	80 36	79 53	75 47	61	80 43	83 55	82 62	84 66	82 62	71 49		73.7 48.0
CORNING	MAX	67	73 62	80 68	77 49	72 43	72 48	76 37	52 33	66	50 43	47	63	72 45	73 52	80 45	55 40	52 34	63	64	72 37	73 38	78 46	78 35	60 39	59	78 57	84 63	84 65	84	72 46		69.2
CROSSETT 7 S	MAX	78 59	82 68	82 62	79 42	77 56	80	78 42	73 32	70	67	68	75 38	83	84	85	81 38	70 41	73 39	73 37	75 37	78 35	74 53	74 48	74 53	82 47	82	81	86	85 69	61		77.7 49.3
CUMMINS FARM	MAX M1N	75 55	80	78 58	76 42	74 55	77	74 42	66	76 45	63	63	71	81	80 53	71	65 39	64	66	68	70 37	79 39	75 51	68	67	80	82	81	88	85	70 52		73.8 47.8
OARDANELLE	MAX	74	80	80	76 46	78 45	84	67	70 33	64	48	64	75 38	84	84	75 50	62 43	62	68	71	73	80	78 51	62	64	82	85 57	84	82 65	80 58	68		73.5 48.1
OE OUEEN	MAX	78 64	77	80	82	76 46	82	69	72 32	60	50	70	78 36	86	78 57	72 52	71 35	71	75 40	75 37	80	80	75 52	72	70 52	83	78 55	84	83	78 65	82		75.6 47.3
OES ARC	MAX MIN	74 50	75 60	80	77	76 47	72	78 37	65	67	63	49	65	72	79	75 53	65	63	63	69	70 35	73	78 48	76	63	61	79 51	83	82	87 58	70 45		71.6
OEVILS KNOB	MAX	63	70 61	71	72	75 51	75 50	62	64	59	57	59	70	76 51	80 58	68	56	60	63	69	71	75 52	75 47	55 37	58	77	79	78 57	74 61	70	64		68.2
DUMAS 1	MAX	75 56	82	78	75 46	68	75 48	70	69	68	60	64	72	82	81 57	73 53	65	64	68	70	72 38	80	75 54	70	68	82	84	83	89	82	75 53		74.0 48.9
EL ODRADO CAA AP	MAX	77 63	81 74	75 54	79 42	65	78 52	67	73 36	68	54	64	74	82	81 57	81	69	66	73	71	74 39	77	67	72 51	72	81	83	81	86 70	82	67		74.0 49.6
EUREKA SPRINGS	MAX	75	74	72	69	75	76	57	65	63	41	62	72	81	82	77	55	58	59	67	69	77	73	54	56	78	83 57	85	80	74	66		69.2
FAYETTEVILLE	MĀX	74	73	70	36 69	76	75	57	71	61	45	3.8 6.2	73	82	80	70	54	57	61	67	70	77	67	52	61	80	82	63	76	70	72		68.9
FAYETTEVILLE CAA AP	MAX	73	73	72	36 68	36 75	76	36 55	68	57		38	74		80	43 58	37 53		36 60	66	68	76	70	37	62	78	80	81			71		67.4
FAYETTEVILLE EXP STA	MIN	75	73	70	35 68	36 74	73	32 55	69	65	35 45	38	72	80	55 80	73		56	30 60	33	69	75	66	52	60	78	81	82	60 79	73	70		68.4
FLIPPIN CAA AP	MIN	71	80	55 80	72	39 78	80	30 57	66	39 55	31	35 62	76	78	61	69	33	60	61	31 68	70	35	72	31 56	61	80	57 85	87	81	64	65		70.0
FDROYCE 6 W	MAX	76	81	54 80	80	35 73	79	35 78	72	69	61	65	35 74	83	58 80	82	70	31 67	72	73	32 75	80	71	32 71	3 8 6 7	82	52 83	80	59 85	47	45		75.3
FORT SMITH W8 AP	MIN	75	69	61 76	71	56 78	77	62	72	58	41	67	74	87	58 77	57 68	38	39 59	67	71	73	79	70	60	64	83	5 7 8 7	86	67 83	64	66		71.4
FT SMITH WATER PLANT	MIN	57	76	74	72	76	76	38	34	39	38	39 65	39 73	50 83	58	74	58	37 59	64	70	39 76	39 76	51	61	60	81	56 84	59	62 80	51 76	67		71.3
GILBERT	MIN	62 72	70 79	69	40 76	36 80	82	63	70	65	37 45	61	76	83	52	46 75	58	2 8 62	31 63	32 71	72	81	77	40 57	63	48	4 7 8 5	62 84	67	49	67		72.4
GRANNIS	MIN	63	69 74	69	37 78	32 76	79	31	69	63	42	41 59	33	3 7 8 2	52 76	43 73	35 74	27	30 71	73	2 8 72	30 77	53 70	30 78	3 9 7 6	39 78	80	66 79	66	55 79	45		73.6
GRAVETTE	MIN	62	66	58	50	52 78	73	36	3.5 70	4.6 6.2	37	38	39 73	42	56	70	47	42 57	39	68	3 9 6 9	36 77	42 69	50	60	4.5 7.8	83	51 78	82	46	46		46.0
	MIN		65	58	32	35	44	29	25	41	31		33		57		34	26	32	29	29	35	45	30	35	47	53	57	62	41	46		41.3
GREEN MOUNTAIN	MIN	74	7.	77	70	77	70	6.0		5.0	4.0	4.3	7,	0.0	0.7	7.5	54	59	60	69	70	80	7.1	53	5.0	78	82	85	80	73	6.5		60.5
HARRISON	MIN	57	76 62	62	70 37	77 31	79	34	23	5.8 3.6	35	62 35	74 30	37		75 39	35	27	30	28	70 28 73	31	40	29	35	44	55	62	64	73	41		69.5
HELENA	MIN	75 56	79 66	78 57	75 48	70 56	58	75 41	74 36	70	66	45	73	53	76 59	74 50	42	39	4.3	70 42	46	43	57	70 50	45	81	83 57	62	68	62	71 50		74.2
HOPE 3 NE	MAX M1N	80 55	77 65	79 65	41	78 44	67 50	79 39	68 34	71 47	61 41	48	39	75 41	82 51	80 61	40	70 41	67	72	70 40	76 39	78 47	72 53	50	68 47		56	81 60	6 8 6 8	74 59		73.6 48.2

DAILY TEMPERATURES

ARKANSAS APRIL 1956

Table 5 - Continued														VII .			Of M														APR	IL 1956
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16 M	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Average
HOT SPRINGS 1 NNE	MAX	73	76	80	79	77	79	74	72	66	52	60	75	83	80	75	62 43	65	72 43	74 44	77 45	80	77 52	75 50	67	82 49	84	82	85 65	81	67	74.4
JONES80R0	MIN	61 75	67 79	63 78	73	51 74	52 78	63	35 66	52	38 48	64	42 71	54 75	60 78	58	59	63	64	72 38	71 41	78 40	78 56	60	60	79 45	84 58	63 84 60	86	70	61	70.0
KEO	MIN	5 5 7 7	67 81	66 75	48 76	47 69	80	73	35 66	45 61	55	64	72	80	55 78	73	64	62	67	69	72 41	81	76 53	66	61	82	84 54	83	88	80	67 49	72.7
LEAO HILL	MIN	76	66 79	57 79	70	78	80	39 57	33 65	57	42	62	73	81	5 7 8 8	75	56 38	36 60 27		70 27	70 28	80	71 43	55 27	62	43 81 45	85 49	87	64 82 56	61 77 52	67	70.9
LITTLE ROCK W8 AP	MIN	76	80	61 75	77	70	79	62	65	57	40	41 63 45	31 72 44	38 82 50	77	42 69 47	63	62	68	69	72 45	79 45	76 55	63	60	82 48	85 58	81	87	77 62	62 49	71.3
MAGNOLIA 3 N	MIN	58 76	82	79	80	54 74 57	79	76	38 72 34	47 68 46	40 52 40	60	75 36	83	59 81 59	81	78 36	65	70 38	71 40	74 37	77 38	77 53	73 49	70	82 48	82 53	82 56	82 57	86 65	77 58	75.5
MALVERN	MIN MAX MIN	76 62	67 81 68	58 80 60	79 40	78 48	80	36 78 38	72	68	54 41	63	74 37	83 45	82	78 53	66	66	71 37	72 38	75 37	79 35	75 51	70 52	69	81 45	84 51	81	87 66	83	70 54	75.2
MAMMOTH SPRING	MAX	74 57	80	83	70 43	78 35	83	65	67	56	63	65	78 43	85 52	76 53	5 8 3 9	62	64	70 39	71 30	72 32	75 42	-	62	42	87 50	85 53	83	80	80	67	72.8
MARIANNA 2 S	MAX	74 52	80 65	77	75 45	74 54	74	73 38	65 32	67	58	64	70	79	76 56	71 49	62	61	67 36	69 37	69	78 39	76 51	73 48	65	81 46	83	85 59	88	71 61	71	72.5 47.1
MARKEO TREE	MAX	78 52	82 67	79 62	73	74 49	76	70	64	58	50	64	70	75 47	78 59	70 46	58	62	65	70 36	69	77	77	73 40	61	80 45	84	86 61	87	83	66	72.0
MARSHALL	MAX	70 60	79 69	79	72	77 37	77	57 37	69	59	46	61	75 35	80	84	80	56	60	62	69	71 35	78 32	75 54	55 31	61	78 44	80 55	82	79	77 55	66	70.5
MENA	MAX	72	75 68	76 5.8	77	77	78 47	60	70	64	45 35	63	78	84	77	72	63	60	65	69	74 43	78	75 52	71 48	66	81	80	81	78 65	76 54	59	71.5
MONTICELLO 3 S	MIN MAX MIN	75 59	80	79	78	76 54	77	78	70	70 48	65	65	74 38	82	82 58	82 51	69	69	72	72 32	73 34	71	72	69	80	78 40	81	80	86	85 68	79 54	75.8
MORRILTON	MAX	75	78	78	73	75	81	73 40	68	63	50	63	74 38	82 46	79 57	75 50	63	62	69	71	73 40	80	77 53	73 47	60	80	83 54	81	84	80	71 50	73.1
MOUNT IDA	MIN MAX MIN	58 77 56	68 75	66 77 58	46 79 39	76 41	76	80	62	71	54	46	68	76 35	82	75 49	76 33	68	63	67	70 30	74 31	77 48	76 50	75	74 41	79 49	80	6-2 80 5-5	83 60	65 54	72.7 42.3
MOUNT MAGAZINE	MAX MIN	64	60	52	35	51	45	29	33	34	29	29	42	52	49	38	33			35	45	55	43	35	39	37	44	58	72 60	69 45	65	42.1
MOUNTAIN HOME	MAX	70 49	78 66	80 57	71	75 41	73	59	72	63	44	61	73 39	78 45	86 57	75 41	56 39	60	61	69 38	70 41	80	71 40	54 35	61	79 45	83	84 65	82 62	78 53	67 51	70 • 4
MOUNTAIN HOME C OF ENG	MAX	71 38	70 62	80 68	80	72	75 45	80	56 30	67	35	50	35	76 45	77 51	86	59	56	60	62	69	71 34	81	71 33	55	60	79	82	83	81	65	70.5
NARROWS DAM	MAX	78 45	77	78 59	81	80	76	81	65	71	54 40	53	66	76	83	77	81	70	69	73 35	73 32	77	79 42	74 53	70 48	67	81	78 50	82 54	85 57	70 58	74.2
NASHVILLE PEACH SUBSTA	MAX	77	75 62	77	77 38	79 40	74	78	65	70	54 38	47	65 37	75 45	82 58	76 59	79	69	68	72 39	71	77 35	78	70 51	69	66	80	76	80	85 62	72 56	72.8
NEWPORT	MAX	74	80	77	78 43	75 44	80	77	69	53	52	66	75 38	78 46	78 57	72 50	61	66	67 36	74 37	74 38	80	79 55	72 40	65	82	86	85	87	74 61	68	73.5
NIMROO DAM	MAX	77 48	76 65	79 61	79 43	75 43	77	82	62	72	60	51	63	76 43	83	83 57	69	63	61	69	71 37	74	81	76 48	68	64	82 52	85 64	82	83	69	73.1 46.0
OKAY	MAX	80 64	80 70	80	79 42	79 50	80 48	80 41	73 35	71 50	53 41	66 43	76 38	85 48	82 61	80 63	72	70 39	74 42	74 40	77 35	79 38	73 52	72 54	70 51	82 47	82 56	82 ⁻ 60	87 65	83 68	71 58	76.4 50.1
OZARK	MAX	73 59	79 63	75 69	74 43	78 43	80 47	62 36	71 32	65 45	47 38	66	75 39	83 47	81 56	73 56	62 37	64	69 37	73 39	76 37	79 39	76 49	60 46	62	82 50	85 54	84 60	83 66	79 52	68 53	72 • 8 47 • 0
PARAGOULD	MAX MIN	74 53	79 66	81 65	69	73 42	75 53	72 35	64	61	4 8 4 4	63 43	71 39	74 46	76 56	72 46	56 39	62	63 36	69 32	70 41	75 34	75 53	70 34	60 39	75 43	82 54	83	84 65	83 60	69 44	70.9 45.4
PARIS	MAX MIN	75 54	80 70	78 59	74 45	81 42	82	64 38	75 31	69 45	47 38	65 44	76 37	86 46	83 57	76 50	62 40	61	69 40	72 39	75 37	81 36	75 49	67 45	65	85 45	88 55	85 58	86 63	81 54	69 51	74 · 4 46 · 2
PERRYVILLE	MAX	'76	81 70	82 65	78 44	74 43	83	74 39	71 32	44	53 38	64 45	78 37	85 45	80 59	76 54	66 39	64 35	70 36	71 36	75 40	81 39	78	67 48	67 37	80 42	85 47	82 64	84 63	82 59	68 49	75 • 0 46 • 3
PINE BLUFF	MAX M1N		80 69	78 63	78 46	67 56	81 53	72 42	70 37	63 47	59 43	66 46	75 42	84 49	81 61	76 53	70 42	67 41	73 43	72 43	75 43	83 43	73 53	69 50	68	84 49	85 59	87 59	85 59	79 64		75 • 0 50 • 3
PINE BLUFF CAA AP	MAX	76 54	81 69	75 53	75 44	69 57	80 5 Î	65 40	67 37	64 45	49 43	64 45	72 42	82 48	80 59	71 47	68 42	65 40	70 43	70 41	71 40	80 42	71 52	67 49	65 47	81 46	81 55	80 57	87 67	77 63		72 • 3 49 • 0
POCAHONTAS 1	MAX	72 55	79 65	78 69	75 46	75 41	79 52	75 36	66 30	64	47 43	65 43	70 38	73 44	80 50	77 44	64 39	64 34	64 40	72 37	71 42	78 34	79 48	67 37	62 39	78 42	83 53	83 63	83 61	83 58		72.6 45.8
PORTLANO	MAX	75 49	79 61	79 68	79 48	77 49	63 54	77 47	77 40	68 42	72 42	65 42	66 44	73 45	78 41	79 48	83 44	71 42	70 42	65 42	70 43	73 42	75 42	66 50	68	70 49	79 50	81 56	81 59	86 68		74.2 48.7
PRESCOTT	MAX	78 49	78 64	80 67	79 45	78 51	67 50	79 42	68 35	73 37	52 40	48 41	62 40	75 40	84 52	80 60	78 42	68 41	69 42	73 43	72 44	77 41	80 41	74 52	72 49	68 47	82 47	81 56	83 56	86 68		74 • 0 48 • 0
ROGERS	XAM	77 60	75 65	70 58	70 36	80 40	76 47	53 32	70 30	60	42 32	62 37	75 37	82 48	82 59	73 45	54 37	58 29	60 34	68 37	69 38	77 37	70 49	5 4 3 4	59	78 47	82 56	82 62	77 67	72 44	70 41	69 • 2 43 • 8
RUSSELLVILLE	MAX	74 55	80 67	78 64	74 46	75 46	82 51	74 37	68	65 45	47 38	64	75 37	83 45	81 56	74 49	63 38	62 34	69 41	71 38	74 35	80 36	79 50	72 48	60 44	83 44	85 54	83 56	81 60	79 58	65 51	73 • 3 46 • 6
SAINT CHARLES	MAX	74 54	74 57	80 62	76 45	75 55	72 56	76 41	63 34	70 45		47 43	65 42	71 48		77 56	69 41	64 37		68 39	70 40	72 41	78 50	73 49	68	63 46	80 56	82 60	81 60	86 55	75 51	72 • 0 48 • 4
SEARCY	MAX	73 57	80 67		75 44	74 48	80 52	76 39	67 34	63 48		65 45	73 40		76 55	72 49	62 41	63 35	62 40	72 42	73 40	79 39	77 57	73 44	60 43	80 44	83 54	81 58	85 62	82 62		72 • 5 47 • 9
SHERIOAN TOWER	MAX MIN	78 59	80 60	81 60	78 42	73 42	80	75 39	71 32	64	41			82	80 58	71 51	73 44	65 34	70 39	73 39	40	81	74	44	46	84 47	84 50	82 57	80	81	49	76.5 46.1
SILOAM SPRINGS	MAX	74 54	75 64	73 60	70 34	69 37	76 41	75 32	56 27	70 36		42 34	62 35	75 40	80 52	81 51	57 35	53 28	5 7 3 2	59 32	67 32	69 34	77 42	64 32	49	61 39	79 54	82 61	81 66	77 42	55 42	67.2
STUTTGART	MAX	75 55		75 59	77 45	71 56	80 54	75 39	69 36			65 45	73 42	83 49		72 50		63 39	69	70 41	73 43	76	81 55	71 50	64	83 48	85 51	83 59	88 65	85 63	67 51	74 • 0 49 • 4

Table 5 - Continued									D	A	IL	ľΊ	Έl	MP	ER	A	[U]	RE	S														KANSAL L 1956
Station																Day	Of M	lonth															9 00
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avera
STUTTGART 9 ESE	MAX MIN	71 50	74	78 68	74 44	73 48	68 54	75 39	61	66	65	46	63	69	78 52	76 58	67 39	62	60	66	68	69	77 49	7	66	62	80	81	82	87	74		10.3
SUB1ACO	MAX MIN	73 57	78 69	78 64	72 46	80 45	81 52	62	71	61	46	63	7.3	A4	8.2	7.4	6.2	62	6.8	7.1	74	80	7/	6.1		12.7	0.7	11.7		70			72.8 48.0
TEXARKANA W8 AP	MAX		79 70	78 59	78 45	67 55	79 51	66 42	74 44	63 42	41	64 42	75 44	84 5.7	81 61	77	69	64	70 45	69	74 45	771	72 55	72 54	71 51	81 51	7.8 5.8	82	86 69	76 66	67		73.4
TURNPIKE	мах	65	70	72	69	75	75	54	6.3	>6	40)	55	69	75	7.8	65	55	57	60	65	6)	69	70	52	56	75	78	76	75	7.2	65		65.H

74 /7 48 58 47 45 62 63 71 70 77 34 40 37 39 37 77 59 61 45 38 40 WARREN 62 67 70 83 83 83 71 42 43 42 49 58 55 42 68 56 69 38 75.7 50.2 WHITE ROCK 63 37 59 35 66 69 73 44 47 49 WILSON 75 79 71 67 61 61 70 69 78 75 48 61 47 41 36 39 36 36 39 41 68 72.6 WYNNE 78 75 71 58 61 64 69 69 76 48 58 48 40 30 32 34 35 40 75 70 62 55 43 42 79 82 83 85 65 49 60 61 67 61 45 70 • 4 4 7 • 0

WALORON

WALNUT RIDGE CAA AP

EVAPORATION AND WIND

0			Day of month																														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLAKELY MOUNTAIN DAM	EVAP		.10					.33				.08		.19				.33					.31	.25						.21			6.198 2395
HOPE 3 NE	EVAP													.15				.23								.23		.33	.16	.10			4.938 1201
MOUNTAIN HOME C OF ENG	EVAP				.38 101							.04 89														.19 52			.33				5.99 1868
NARROWS DAM	EVAP									.21 45				.16 35								.21 36			.17				.19		40		5.558 1717
NIMROD DAM	EVAP									.17		.02 106												26 51					.23				5.31 1459
RUSSELLVILLE	EVAP			.19				. 20 78			.10		.07 6			.25 20	·15					.22	.25	.19 16		.15			.04	.26			5.21
STUTTGART 9 ESE	EVAP WIND				.07							.03 89		.13													.17 52			.20			4.14 1769

STATION INDEX

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7A Hobart Watts
MID John A. Jones
6P Billman E. Lawrence
8A John W. Trammell 3 34 23 7 36 29 5 34 44 5 35 32 7 35 54 311 690 234 229 1050 SP SP Malvern Fire Dept. SS 7A John H. McKee 6P 6P Univ. of Arkansas 6P 7A William M. Crick SS 7A Mrs. Minnie Borton Antoine Aplin 1 W Appleton Arkadelphin Arkansas City Malvern Mammoth Spring 92 49 91 32 90 45 90 25 92 38 С Marianna 2 S Marked Tree Marshall 0286 Little River 0300 Boward 7P Southwestern G & E 7A Arra D. Parker 7A David G. Griffiths 6P Univ. of Arkansas 9A Univ. of Arkansas Marvell Maumee Melhourne 4678 Phillips 4696 Senrcy 4746 Izard 4756 Polk 4900 Drew 8A Sterlin Wallace
MID Verne N. Davenport
7A Ivan L. Shrader
6P 7A E. W. St. John
5P 5P Arkansas A & M Col. 4 33 40 4 34 19 7 35 17 7 35 18 7 35 49 94 08 93 58 91 22 91 34 91 47 7 34 33 7 36 03 7 36 04 3 34 35 3 33 35 90 55 92 39 91 54 94 15 91 48 195 749 610 1207 285 3 960 218 230 571 0300 Boward 0326 Woodruff 0350 White 0458 Independence Augusta Bald Knob Batesville Livestock Mena Monticello 3 S 7 C 4906 Ashley 4934 Calboun 4938 Conway 4988 Montgomery 5010 Logan Montrose Morobay Lock & Dam Morrilton Mount Ida Mount Magazine MID Ark. Pwr & Lgt Co.
7A Corps of Engineere
5P 7A Emma S. Leavell
7A 5P William E. 8lack
7P 7P U.S. Forest Service 7A James J. Mitchum
MID U.S., Forest Service
5P L. G. Adamson
7A B. E. Skelton
MID Lowell E. Perkins Batesville L & D l Bear Creek Lake Beaty Lake Beaver Beebe 0460 Independence 0496 Lee 0512 St. Francis 0518 Carroll 0530 White 7 35 45 7 34 43 5 35 05 7 36 28 7 35 04 91 38 90 42 90 43 93 46 91 53 277 220 400 930 250 3 33 19 3 33 19 1 35 07 3 34 33 1 35 10 91 92 92 93 93 125 85 280 663 2800 2 3 5 7P 7P Charles Shirae 8A Chrps of Engineers 7A Mildred E. Ward 7A Henry G. Arvin 8A 8A Corps of Engineers 5036 Baster 5038 Baster 5046 Stone 5072 Franklin 5110 Pike 800 800 768 500 425 0534 Greene 0536 Jackson 0582 Saline 0586 Benton 0616 Carroll 7 36 09 7 35 26 6 34 33 1 36 22 7 36 26 90 38 298 91 06 221 92 37 285 94 13 1295 93 37 1150 8A B. B. Bammond 3 8A P. M. Breckinridge 3 8A Mre. Etta C. Burks 2 3 5 7A Earle L. Browne 2 3 5 7A David L. Stidham 3 7 36 20 92 23 7 36 20 92 23 7 35 52 92 08 1 35 34 94 01 3 34 10 93 43 Beech Grove Beedeville Benton Bentonville Berryville 4 NW Nashville Peach Subeta Nashville SCS Nathan 4 WNW Newhope 3 E Newport 5112 Howard 5114 Howard 5158 Boward 5174 Pike 5186 Jackson Big Fork Big Lake Outlet Black Rock Blakely Mountain Dam Blue Mountain Dam 0664 Polk 0676 Mississippi 0746 Lawrence 0764 Garland 0798 Yell 3 34 29 5 35 51 7 36 07 3 34 36 1 35 06 93 58 1100 90 08 -91 06 259 93 11 426 93 39 455 7A Anna M. Liles 6P N. W. Douglas 7A Lee W. McKenney 8A Corps of Engineers MID Corpe of Engineers 4 34 00 93 56 4 33 57 93 51 3 34 07 93 52 3 34 14 93 50 7 35 36 91 17 550 7A 7A Univ. of Arkansas 373 M1D Soil Cons. Service 550 7A Edna J. Westfall 7A Elsie F. Word 225 SS 7A Luther D. Summers Jr. Bluff City Blytbeville Booneville Botkinburg Boughton 0800 Nevada 0806 Missiesippi 0830 Logan 0842 Van Buren 0848 Nevada 3 33 41 93 09 360 5 35 56 89 55 252 1 36 09 93 55 511 7 35 39 92 30 1200 3 33 52 93 20 235 7A Paul M. Adams
7A lvy W. Crawford
7P 7A cleo E. Yandell
MID Thomae M. Pearson
7A Iris Elmore Wicker Nimrod Dam Norfork Dam Odell Oden 2 W Okay 5200 Perry 5228 Baxter 5354 Waehington 5358 Montgomery 5376 Boward 1 34 57 7 36 15 1 35 48 3 34 38 4 33 46 93 10 92 15 94 24 93 48 93 53 8A 8A Cnrps of Engineers
MID Corps of Engineere
7A Mrs. Renzo Hurst
7A Vera J. Gann
5P 5P J. T. Hargis 800 300 Bradford Brinkley Buffalo Tower Bull Shoals Dam Burdette 0872 White 0936 Monrne 1010 Newton 1020 Baxter 1052 Mississippi 91 28 240 91 10 205 93 30 -92 34 460 89 57 240 7A Marshall Bickmon 5P Robert D. Schaefer 7A Beulab F. Fowler MID Corps of Engineers 6P G. A. Bale Oeceola Owensville Ozark Ozone Paragould 5480 Mississippi 5498 Saline 5508 Franklin 5514 Johnson 5562 Green 2 35 43 89 58 3 34 37 92 49 1 35 29 93 50 1 35 38 93 27 5 36 04 90 29 8A Alwyn A. Cowan 8A Guy Cook 6A Burns Wakefield 7A Maurice R. Brandt 4P Radio Station KDRS 60 5576 Logan 5586 Cross 5602 Newton 5694 Perry 5754 Jefferson 7 34 57 7 36 08 3 33 36 3 33 35 1 35 18 5P B. M. Walther 7A Austin D. Barrie 7A John W. Knight MID Edith Z. Lehman 8A U. S. Army Paris Parkin Partbenon Perryville Pine Bluff SS SS Fred J. Girard
7A Corine D. Gardner
MID Arthur B. Carlton
5P 7A Francis Finkheiner
7P 7A Mary T. Scheu Cahot 4 SW Calico Rock Camden 1 Camden 2 Camp Chaffee 1102 Pulaski 1132 Izard 1152 Ouacbita 1154 Ouachita 1172 Sebaetian 3 3 2 3 5 2 3 5 Pine Bluff CAA AP Pine Ridge Pncabontae 1 Portland Prescott Canaan 2 W Carlisle 1 SW Curpenter Dam Clarendon Clarksville 1188 Searcy 1224 Lonoke 1238 Garland 1442 Monroe 1455 Johnson 92 44 -91 45 235 93 01 -91 18 172 93 28 436 MID Froney Dell Borton 8A John L. Tait 3 MID Ark. Pwr & Lgt Co. 7A B. F. Northern 3 6P Dr. 1rving F. Beach 2 3 5 5756 Jefferson 5760 Montgomery 5820 Randolph 5866 Ashley 5908 Nevada 1 34 10 3 34 35 7 36 16 3 33 14 3 33 48 91 56 93 54 90 59 91 30 93 23 MID MID U.S. Civil Aero Adm 7A J. R. Huddleston 7A Benedictine Sisters 7A 7A Mrs. Pearl Newton 7A 7A R. P. Hamby 5910 Nevada 5970 Marion 6008 Logan 6016 Miller 6102 Bot Spring 1492 Van Buren 1520 Scott 1574 Madison 1582 Newton 1596 Faulkner 7 35 35 3 34 58 7 35 48 7 36 06 1 35 05 92 28 510 93 54 1250 93 48 1400 93 18 2166 92 28 316 7A Earl B. Riddick 3
7A Margaret 20rnes 3
MID Maude C. Brashears
MID william L. Binam
5P 5P Clarence S. William 2 3 5 Prescott SCS Pyatt 1 NNW Ratcliff Ravana Rommel Dam 3 33 48 7 36 16 1 35 18 4 33 04 3 34 26 93 23 92 51 93 53 94 02 92 54 MID Soil Cons. Service
MID Ona V. McLean
7A Lulu M. Weeks
MID Bonny L. Allen
MID Ark. Pwr & Lgt Co. Clinton Cold Springs Comhs 3 SE Compton Conway 1632 Clay 1640 Baxter 1666 Polk 1730 Ashley 1750 Pulaski 7 36 24 90 35 293 7 36 17 92 31 440 4 34 26 94 25 1050 3 33 02 91 56 175 1 34 42 92 26 350 7A Mrs. Laura Polk 2 3 5
7A Robert T. Fielding 3
7A Joe C. Allen 3
5P 5P U.S. Forest Service 2 3 S
7A Virda Byrd 3 Rison Rogers Ruesellville Saint Charles Saint Francis 6174 Cleveland 6248 Benton 6352 Pope 6376 Arkansas 6380 Clay 3 33 57 7 36 20 1 35 18 7 34 23 5 36 27 8A J. R. Yaney SS Howard Fowler 5D U.S. Forest Service 8A Fish & Wildiife Serv 7A William S. Buckley Corning Cotter Cove Crossett 7 S Crystal Valley 1 34 08 91 35 176 3 34 14 93 45 629 1 35 22 92 25 705 1 35 03 93 24 370 1 35 04 93 24 370 6P Cummins Prison Farm 2 3 5
7A Ferna Jones Tedder 3
7A William A. Brown 3
7A J. A. Moudy
MID Soil Conserv. Serv 6403 Fulton 6506 White 6566 Grant 6586 Yan Buren 6624 Benton Cummins Farm Daisy 1768 Lincoln 1814 Pike 1829 Faulkner Snlem Searcy Sberidan Tower Sbirley Siloam Springe 7 36 23 7 35 15 3 34 27 7 35 38 1 36 11 91 50 91 44 92 21 92 17 94 33 7A Jas. B. Caldweil
5P 7A Adam C. Melton
6P 6P Ark. Forestry Comm.
7A Maud H. Bradford
7A John Brown Univ. Damascus Danville Danville SCS 1829 Faulkn 1834 Yell 1835 Yell 1150 1 35 13 4 34 02 7 36 23 2 33 31 7 34 58 93 09 330 94 21 420 93 18 1028 91 26 140 91 30 204 1838 Yell 1948 Sevier 1956 Boone 1960 Chicot 1968 Prairie 6P 7A Gretchen Goodier 5P 7A D. Tucker Vaseer MID Clarence E. Collins 8A L. W. Wilcon 3 7A 7A C. J. Rister 2 3 5 6698 Lawrence 6768 Dallas 6804 Lafayette 6820 Lincoln 6856 Yell Smithville Sparkman 4 E Stamps Star City 2 S Stewe MID A. R. Ricbardson
7A Mrs. Rachel Butler
7A Bubert Baker
7A Ark. Forestry Comm
7A T. P. Sims Dardamelie 1982 Johnson 2148 Desha 2150 Desha 2176 Washington 2204 Scott 1 35 43 2 33 53 2 33 53 7 35 57 1 34 43 93 24 2350 91 30 162 91 30 165 93 59 1243 94 19 1150 5P 7A Earnest C. Camphell 2 3 5 7P 7P Ben Johnson 2 3 5 MID Ark. PWT & Lgt Co. MID Goldie E. Brink 7A Maxine W. Booper 3 6918 Arkansas 6920 Arkansas 6928 Logan 6940 Logan 7038 Columbia Devils Knob 1 Dumas 1 Dumas 2 Durham Eagle Gap Stuttgart Stuttgart 9 ESE Subiaco Sugar Grove Taylor 1 34 29 7 34 28 1 35 18 1 35 04 4 33 06 6P 7A George L. Clark 7A 7A Univ. nf Arkansas SS 7A New Subiaco Abbey 9A 0. R. Fennell 7A Idelia D. Norwood 91 91 93 93 93 214 198 500 500 247 MID WID U.S. Civil Aero Adm 2 3 5 7
69 7A Mabel F. Spray 2 3 5 7 C
7A Opha Wolfe 3
7P 7P Cbarles F. Ford 2 3 5
MID WID U.S. Civil Aero Adm 2 3 5 2300 Union 2356 Carroll 2366 Sharp 2442 Wasbington 2443 Washington 92 48 93 44 91 37 94 10 94 10 El Dorado CAA AP Eureka Springs Ewening Sbade Fayetteville Payetteville CAA AP 3 33 13 7 36 24 7 36 05 1 36 05 7 36 00 Temarkana WB Airport Turnpike Waldron Walnut Grove Walnut Ridge CAA AP 7048 Miller 7262 Pope 7488 Scott 7524 Independence 7530 Lawrence 4 33 27 1 35 40 1 34 54 7 35 51 7 36 08 361 MID MID U.S. Weather Bureau 2087 6P 6P D.S. Forest Service 675 5P 5P William D. Bivens 674 A. R. Fast 675 MID MID D.S. Civil Aero Adm Fayetteville Exp. Sta. Flippin CAA AP Fordyce 6 W Foreman Forester 4 WNW 2444 Washington 2528 Marion 2540 Dallas 2544 Little River 2556 Scott 7 36 06 7 36 18 3 33 49 4 33 43 1 34 47 94 10 1270 92 36 700 92 31 280 94 24 400 93 53 660
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 7582 Bradley 7592 Montgomery 7694 Washington 7744 Fulton 7772 Franklin 2D6 6P 6P Charley L. Bharp 7A Nora Lee Mayberry 1340 HID Effite D. Little 68D MID Thomas W. Cone 2285 SP 7A U.S. Forest Service Warren Washita Weet Fork Wheeling White Rock 3 33 36 3 34 38 7 35 55 7 36 19 1 35 41 92 04 93 32 94 11 91 52 93 57 4/12/56 2 3 5 Forrest City Fort Smith WB Airport Fort Smith Water Plant Fountain Bill Fulton 2564 St. Francis 2574 Sebaetian 2578 Crawford 2598 Ashley 2670 Bempstead 5 35 01 1 35 20 1 35 39 3 33 21 4 33 37 90 47 261 94 22 458 94 09 793 91 50 175 93 48 260 MID Thomas A. Moore
MID MID U.S. Weather Bureau 2 3 5
5P 7A R. J. Schoeppe 2 3 5
6P Jethro R. Denson 3
8A lna J. Logan 3 Whitecliffs Wilson Winfrey Wing Wynne 7812 Sevier 7912 Mississippi 7936 Crawford 7950 Yell 8052 Croee 290 7A L. M. Snead 7A D. 0. Anderson 1152 MID Clyde F. Meadors 35D MID Miles B. Turner 260 SS SS Wm. M. Courtney 2 3 5 2 3 5 7A Bessie E. Akers
6P 7A . Eli Jordan
7A Myrtle I. Price
SS 7A Geoige T. McVay
7A Willie Pendergrass 7 35 07 91 26 7 35 59 92 43 3 34 20 93 33 4 34 14 94 20 1 34 53 93 41 2760 White 2794 Searcy 2842 Pike 2908 Polk 2922 Yell Georgetown Gilbert Glenwood Yellville 8084 Marion 7 36 13 92 41 760 7A Glenn R. Nesbit 3 595 547 920 498 Grannis Gravelly 94 28 93 26 92 12 92 23 94 15 SS SS Eleon B. Schmidt
7A Obed B. Wilson
7A TA U.S. Forest Service
8A Thomae E. Cantrell
7A Dorothy M. Been 2930 senton 2946 sarroll 2952 Stone 2962 saulkner 2976 Sebastian % Parks 5591 Scott 1 34 48 93 57 668 7A Bomar K. Hansard Gurdon 3 E Hampton Bardy Harrison Beber Springs 3 NE 3074 Clark 3098 Calhoun 3132 Sharp 3164 Boone 3228 Cleburne 3 33 54 3 33 32 7 36 19 7 36 14 7 35 32 93 06 92 28 91 29 93 07 1 92 01 7A Roy S. Robhe 8A Soil Cons. Service MID Thereen Donaldson 6P Bea Gray Beene 7A Lester B. Logan Beber Springs 3 SW Bector Belenn Benderson 2 W Bope 3 NE 3230 Cleburne 3235 Pope 3242 Phillipe 3258 Baxter 3428 Bempstead 7 35 28 1 35 28 2 34 32 7 36 22 4 33 43 92 03 -92 58 555 90 35 200 92 16 580 93 33 375 | NID | Wayne Stark | 7A | Irene B. Timko | 3 | 5 | 7A | harley M. Friddell | 3 | 5 | 7P | Emil W. Bentzien | 3 | 8A | 7A | Cecil M. Bittle | 2 | 3 | 5 | 6 | Bopper Boratio Bot Springs 1 NWE Buntsville Buttig Dam 3 34 22 93 41 700 4 33 56 94 22 337 3 34 31 93 03 630 7 36 05 93 44 1453 3 33 02 92 05 60 3438 Montomgery 3442 Sevier 7A Lona A. Shielde 6A Elizabeth W. Frida 3466 Gnrlwad 3540 Madison 3556 Union 5P Natl Park Service 2 3 5 MID May Pearl Markley 8A Corps of Engineers 3 lndex Jnsper Jessieville Joneeboro Keo 3584 Little River 3600 Newton 3704 Garland 3734 Craigbead 3862 Lonoke 4 33 35 94 03 7 36 01 93 11 3 34 42 93 04 7 35 50 90 42 1 34 36 92 00 8A W. B. McDowell 3
7A Lottie B. Davis 3
7A Mrs. Velma M. Dunn 3
6P 7A Benedictine Sisters 2 3 5
7P 7P R. A. Waller 2 3 5 3904 Cleveland 3998 Craighead 4019 Jobneon 4060 Pike 4106 Boone 3 33 50 92 16 214 5 35 49 90 26 230 1 35 26 93 25 550 3 34 19 93 51 -7 36 24 92 54 710 MID Claude W. Hunter
7A Treesa St. Clair
MID Peach Exp. Station
7A Mahel F. Forrester
7P 7P F. W. Kellogg Lamar 2 SW Langley Lead Hill Lee Creek Guard Bta. Leola Whittle Rock WO Airport Little Rock Filt, Pl. Loet Corner 4116 Crnwford 4134 Grant 4248 Pulaski 4250 Pulaski 4324 Pope 1 35 42 94 19 1000 3 34 10 92 35 261 1 34 44 92 14 257 1 34 46 92 19 512 7 35 34 92 50 1550 % Continuation of Forester 4 WNW record.

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

wonthly and seasonal snowfall and heating degree days for the preceding 12 mooths will be carried in the June issue of this bulletin.

Stations appearing in the tables; but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from oon-recording gages, unless otherwise indicated,

Data in Tables 3, 5, 6, and snewfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

Additional information regarding the climate of Arkansas may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas.

- AM

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by on entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 Data based on observational day ending before noon.

 Adjusted to a full month.

 Data for recorded stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station have been adjut to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

 Trace, an amount too small to measure.

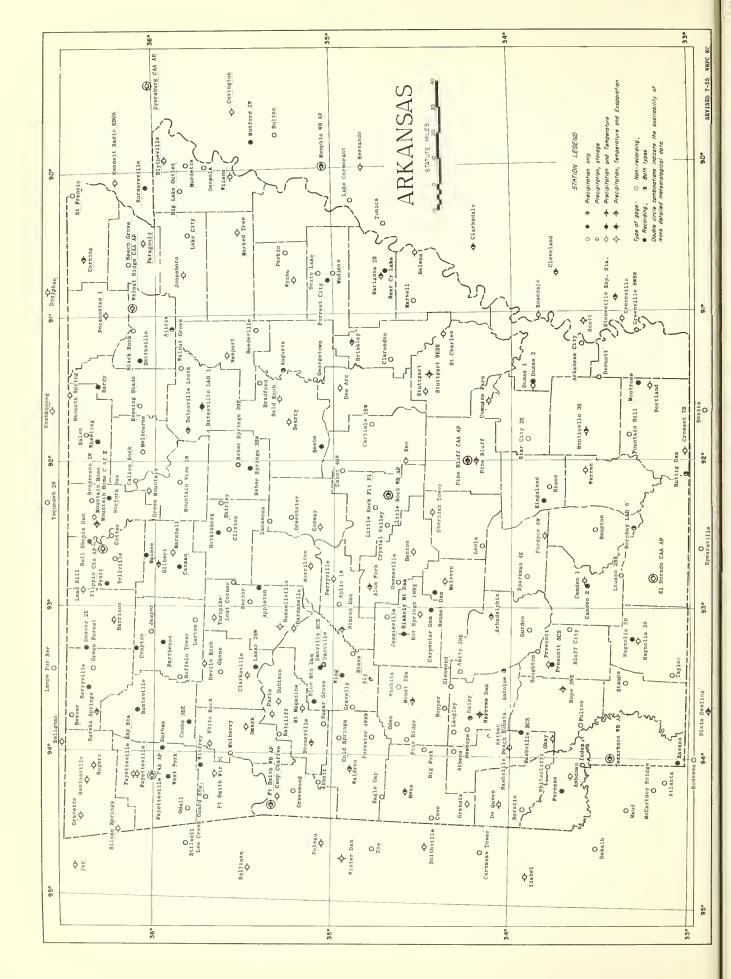
 Includes total for previous month.
- R

- V Includes total for previous month.

 SS This entry in time of observation column in Station Index means observation made near sunset.

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CLIMATOLOGICAL DATA

ARKANSAS

MAY 1956 Volume LXI No. 5



ARKANSAS - MAY 1956

WEATHER SUMMARY

May 1956 was one of the hottest Mays of record. Temperatures at many stations averaged higher than in any May since 1902. Temperatures at Little Rock averaged higher than in any May since 1918. Rainfall was deficient over most of the State.

May 1st was rainy and cool. Temperatures remained in the 50s over much of the State. Temperatures climbed to the 60s and 70s on the 2d and to the 80s on the 3d. Warm weather continued until the 14th when a cool air mass moved into the State. Morning temperatures were in the 50s on the 15th and 16th and afternoon temperatures were mostly in the upper 70s. Many stations over eastern and southern Arkansas registered their coldest temperatures for the month on the 1st. Most stations in the northwestern part of the State registered their lowest minimums on the 16th. Monthly minimums ranged from 40 degrees at Gravette on the 1st to 54 degrees at Portland on the 1st and 17th. Temperatures climbed into the upper 80s on the afternoon of the 17th and into the 90s at most stations on the following days. Most stations registered their hottest temperatures for the month during the period 18th to 23d. Monthly maximum temperatures at several stations, most of which were in a few northwestern counties, did not reach 90 degrees. Maximums at most stations were in the lower 90s. The temperature reached 95 degrees or higher at a dozen stations, several of which were in the west central part of Arkansas. The highest temperature for the State, 98 degrees, occurred at Subiaco on the 18th. Monthly mean temperatures ranged from 68.2 degrees at Turnpike to 75.8 degrees at Pine Bluff. Monthly mean temperatures were higher than the long-term means at all stations. Monthly temperature departures ranged from +1.8 degrees at Corning to +5.4 degrees at Perryville. Most stations had higher monthly mean temperatures than in any recent years.

Rain fell over most of the State on the 1st. Texarkana received the most generous amount, 2.12 inches. Rains on the 2d were more scattered. Fair weather prevailed from the 3d to 13th. A cold front moved into the State on the 14th producing showers over much of Arkansas. Many stations received more than three inches of rain on the 14th and 15th. Among the larger amounts for the two-day storm were: Beaver 1 SE, 5.41 inches; Berryville 4 NW, 4.65 inches; Crystal Valley, 4.58 inches; Gravette, 7.84 inches; Green Forest, 4.56 inches; Harrison, 4.94 inches; and Lead Hill, 5.37 inches. Fair weather returned on the 16th and continued to the 30th. A few scattered local showers occurred during this period. Bald Knob received 2.40 inches on the evening of the 19th. Many other stations received small amounts of rain. Showers became general again on the 31st. The amounts on the 31st were generally small but a few stations received more than an inch on that date. Monthly totals ranged from 0.55 inch at Shirley to 11.63 inches at Gravette. Several stations in the extreme northwestern part of Arkansas received more than six inches of rain during the month. Many northwestern counties received more than three inches. Elsewhere in the State, the rainfall was very unevenly distributed. Several scattered localities received less than two inches and nearby localities received more than five inches. For instance, Stuttgart 9 ESE received 1.10 inches of rain during May and Brinkley received 5.86 inches. Brinkley, Georgetown, Calico Rock, and several stations in the northwestern counties received rainfall in excess of their long-term means. Gravette and Bentonville received more than twice their long-term means. A few scattered areas in southern and central Arkansas received less than half their long-term means. Rainfall at Stuttgart 9 ESE was only one-fourth the long-term mean for that station.

Most of the State experienced delays in field work early in May because of rainy weather and wet soils. Much was accomplished, however, when the skies cleared and the fields dried. By the end of the month, cotton chopping was general. There were good stands in most areas. Some thrip damage was reported but most infestations were light. Most of the rice acreage was planted but seeding lagged in some counties. The early planted fields of soybeans were getting off to a good start. The small grain crop was maturing rapidly. Much had been cut for hay and some oats had been cut for silage. Little combining was done. The strawberry harvest was about finished and the boysenberry harvest was about to begin. Tomatoes and peaches made good progress and pecans set a good crop. Pastures were good but some southern counties needed rain. Livestock made satisfactory gains.

STORMS

Several localities in White County sustained wind and hail damage on the evening of the 19th. Some of the hailstones were 1 1/2 inches in diameter. Damage to crops was estimated at \$15,000 and to other property at \$8,500. Hail and strong winds damaged crops in the Leachville, Manila, and Burdette areas, Mississippi County, on the afternoon of the 23d. The damage was estimated at \$25,000. On the afternoon of the 25th, a tornado damaged two houses in Desha County. Wind damaged trees and a wall under construction in Washington County on the early morning of the 31st.

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h		Relat		idity ave		-	Numl	ber of de	ys with	precipi	itation			-
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:20% 1.11		1 - 6:24	5	Trace	01-09	10-49	99 09	100-199	2 00 and over	Total	Percent of possible sunshine	Average sky cover
FORT SMITH WB AIRPORT	Ε	18	8.	43	NE	31	81	4(1	6.)										9 11
LITTLE ROCK WB AIRPORT		19	10.1	7		t.	8.3	8 c			5								. 1
TEXARKANA W8 AIRPORT	-	-	-	-	-	-	-	-	-									-	-

CLIMATOLOGICAL DATA

TABLE 2

					Ten	pera	iture										P	recip	itation					
											No	o. of	Days		T		_		Snow	, Sle	et	No.	of D	ays
Station		. e			Long- Mean					Days	Ma	х.	Min			ng- ean	Day			1g Pt		More	More	
		Average Maximum	verage	verage	Departure from Long- Term Mean	hest		est		96	10 9	- L	5 2 5		a]	Departure from Long- Term Mean	Greatest	m	7	Max. Depth on Ground		or M	or M	ore
		Ave	Ave	Ave	Dep	High	Date	Lowest	Date	Degr	90° Abov	32° Belo	32° or Below	Delo	Total	Dej froi Ter	Gre	Date	Total	Max	Date	.10	200	or More
HIGHLANO OLVISION													_	+								-		
ALUM FORK ASHOOWN BENTON BENTON BENTONVILLE BOONEVILLE CAMP CHAFFEE CLARKSVILLE CON-AY OAROANELLE DE QUEEN OEVILS KNOB EUREKA SPRINGS FAYETTEVILLE FAYETTEVILLE FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA	ΑМ	84.5 86.8 83.5 81.5 86.5 84.3 86.1 84.7 85.2 87.6 81.5 81.5 81.4	60.7M 62.6 61.7 58.7 61.9 60.9 61.0 62.5 63.7 58.5 60.1M 60.9 59.4 58.7	72.6M 74.7 72.8 70.: 74.: 72.6 73.6 73.6 74.5 74.5 74.2 68.7 70.8M 71 69.9	4.5 4.6 4.6 4.2 3.8 4.1	96 95 90 89 95 93 94 92 93 96 89 89 89	18 19 19 18+ 19+ 19+ 19 23 19 11 19 11 19 13+	50 50 52 43 49 49 52 53 50 46 46 44 43	1 16 16 16 16 16 16 16 16 16 16	13 9 10 32 9 17 8 10 6 9 28 28 23 28 35	6 10 1 0 12 8 9 5 7 14 0	00000000000000		100	2 · 20 2 · 62 4 · 89 0 · 73 3 · 03 3 · 53 2 · 80 1 · 76 1 · 97 2 · 60 6 · 49 7 · 55 7 · 60 · 20 6 · 75	- 3.44 5.64 - 3.41 - 3.35 - 2.69 1.84	1.61 3.51 3.05 1.03 1.04 1.00 0.90 0.77 0.77 2.74 2.90 1.82 3.58	15 15 15 15 15 15 15 15 15 15 14 15 14 15 14	0.0	000000000000000000000000000000000000000		4 4 3 8 5 5 6 3 4 4 7 6 6 6 7	2 1 2 5 3 3 2 1 2 2 6 4 5 4 4	0 1 1 3 1 1 1 0 0 0 1 4 2 1 2
FLIPPIN CAA AP FORT SMITH WB AP FT SMITH WATER PLANT GLOERT GRANNIS GRAVETTE GREEN MOUNTAIN	R //	82.1 85.1 83.8 83.8 82.9 80.7	59.2 62.5 59.2 58.6 60.2 58.4	70.7 73.8 71.5 71.2 71.6 69.6	4 • 2 3 • 0 4 • 0	90 96 92 92 89 87	13+ 19 19 30 19 20	45 52 43 45 50 40	16 16 16 16 1	34 10 13 22 3 36	10 1 6 0	00000	0 0 0 0 0 0 0 0 0 0		6 • 26 3 • 44 5 • 92 4 • 12 3 • 92 1 • 63	- 1.62 - 1.02 - 1.99 6.09	2.01 0.82 2.23	15 31 15 15	0 • 0 0 • 0 0 • 0 0 • 0 0 • 0	0 0 0 0		7 5 6 7	5 2 5	3 0 2 3
MARRISON HOPE 3 NE HOT SPRINGS 1 NNE LEAD HILL LITTLE ROCK WB AP MALVERN	AM R //	81.6 84.4M 86.3 82.6 83.8 86.3	57.5M 62.9M 63.3 57.0 64.1 61.6	69.6M 73.7W 74.8 69.8 74.0 74.0	3 • 4 2 • 7 4 • 5 2 • 7 4 • 2	90 93 94 95 92 92	21+ 20 19 13 19+ 18+	43 51 52 41 53 51	16 1 16 1 5	39 18 10 32 12	2 6 10 4 9 10	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0		7.89 2.70 3.11 8.74 3.21 2.54	2.58 - 2.39 - 1.63 - 1.64	1.77 0.94 3.62 2.23 0.79	15	0.0 0.0 0.0 0.0	0 0 0 0 0		7 3 4 6 4 4	5 1 4 6 1 2	2 1 0 2 1 0
MAMMOTH SPRING MARSHALL MENA MORRILTON MOUNT 10A MOUNT 10A MOUNTAIN HOME MOUNTAIN HOME C OF ENG NARROWS 0AM	AM AM	82.7M 81.6M 82.9 84.7 84.9 77.0 81.5 80.1 85.5	57.6M 59.4M 62.9 62.6 61.0 59.7 60.3 58.4	70 · 2M 70 · 5M 72 · 9 73 · 7 73 · 0 68 · 5 70 · 6 69 · 3 72 · 5	3.6 3.5 4.1 4.2 5.0	91 91 91 92 85 88 89 94	6+ 19 23+ 19 19 6+ 22+ 19	43 44 52 53 49 43 45 48	1 16 1 16 1 24 16 16+	33 25 10 9 10 31 27 51	2 6 3 0 0 10	00000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4.13 3.43 2.25 2.44 2.77 3.06 4.83 5.05 3.29	- 0.48 - 3.36 - 3.66 18 - 2.91 - 0.48	1.02 1.47 1.28 1.00 1.92 2.63 2.00	15 15 15 15 15 31 15 15	0 • 0 0 • 0 0 • 0 0 • 0 0 • 0 0 • 0	00000000		5 5 4 3 3 5 5 6 3	2 2 3 4 4 3 3	1 1 1 1 2 1 1 1
NASHVILLE PEACH SUBSTA NIMROO OAM OKAY OZARK PARIS PERRYVILLE ROGERS RUSSELLVILLE SHERIOAN TOWER	AM AM	83.5 84.7M 87.1 84.8 87.0 85.1 79.9 86.1 85.4M	60.1 61.3M 63.7 61.8 61.4 60.7 60.3 61.4	71 · 8 73 · 24 75 · 5 73 · 1 74 · 7 72 · 9 70 · 1 74 · 0 75 · 1M	4 • 7 3 • 7 5 • 4 4 • 1 4 • 0	91 93 95 95 94 87 94	20 18+ 20 19 20 18+ 19	50 52 49 49 47 50 49	1 1+ 1 1+ 16 18 16 16	20 21 10 9 7 11 29 6	2 13 7 17 10 0 8 5	000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3.49 2.67 3.94 3.83 4.30 2.49 7.95 2.17 2.58	- 1.82 - 1.65 - 3.25 2.66 - 3.32	1.66 1.28 1.70 1.39 2.20 1.00 0.85	2 15 15 31 15 15 15	0.0	000000000000000000000000000000000000000		4 4 7 4 3 7 4 4 7	3 2 3 3 5 1 3 5	1 1 1 2 1 3 1 0 5
SILOAM SPRINGS SUBIACO TEXARKANA WB AP TURNPIKE WALDRON WHITE ROCK OIVISION	AM R //	79.7 86.5 85.6 77.2 86.4 77.9	59.2 62.1 65.2 59.1 60.1 59.6	69.5 74.2 75.4 68.2 73.1 68.8	4	88 98 93 84 95 85	21 18 19 23 19 17+	44 52 53 47 47 49	16 2+ 1 1 16	37 10 31	0 12 6 0 7	00000	0 0 0 0 0 0 0 0 0 0 0		8.31 3.50 3.03 3.90 3.39 8.11	- 1.75 - 2.10 - 2.02 - 2.17	1.35	15 31 1 15 25 15	0.0	0 0 0 0 0		4 3 5 5 7	3 1 2 2 5 5	2 1 1 2 2
OELTA OIVISION																								
ARKAOELPHIA BALO KNOB BATESVILLE LIVESTOCK BATESVILLE L ANO O NO 1 SLYTHEVILLE	дм	85.9 81.94 81.9 83.1	62.5 61. 57.1 60.	74.2 71.5M 69.5 71.7	3.4	94 91 90	29 22 21+	52 51 43 45	17 1 1+ 16	9 18 43 21	8	0000	0 0 0 0 0 0		2.50 4.42 3.15 3.15	- 2.70. - 1.76	1.16	1 20 15 15	0 • 0 0 • 0 0 • 0	0000		3 5 7 5	3 2 2 2 2 2	1 1 1 2
SETINCLEY CAMDEN 1 CORNING CROSSETT 7 S CUMMINS FARM 0ES ARC OUMAS 1 EL OORAOO CAA AP FORDYCE 6 W	АЧ АЧ	83.7M 87.0 79.5 86.2 85.0 82.7 87.5	62.3M 62.5 60. 61.9 62.6 58.7 63.1 63.3	73.0M 74.8 70.1 74.1 73.9 70.7 75.3 74.5	3.0 5.4 1.8 2.7	92 94 91 93 91 92 95 92	23 20 31 16+ 19+ 24 21+ 19	51 53 46 50 50 45 53	1 1+ 1 17 1 1 1+ 16+	10 13 41 4 9 38 6 4	20 2 11 7 6	00000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		5.86 1.89 3.27 2.99 3.18 4.25 3.49 2.29	0.47 - 2.42 - 1.17 - 1.15	1.93 1.14 2.44 0.76 1.27 3.41 2.25 1.04	25 2 15 2 14 15 25 1	0.0	0000000		7 3 4 6 5 4 5 5	4 1 3 3 1 1	3 1 0 1 1 1
HELENA		85.3	64.4	74.9	4.2	93	21+	5.2	1	5	8	0	0 0		3.61	≈ E.7:	£.75	29	C.O	0		7	4	0

				Ten	npera	ture									P	recip	itation					
									to.	No	o of	Days			y.		Snow	, Slee	et	No.	of I	Da
Station	Average	Average Minimum	Average	Departure from Long- Term Mean	Highest	Date	Lowest	Date	Degree Day	Apove PM		Min. Below Below	Total	Departure from Long- Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	ŏ	.50 or More	1.00
JONESBOPO (EO **AGNOLIA 3 N **AGNOLIA 3 N **ARIANNA 2 S **ARRED TREE MONTICELLO 3 S **EWPORT PARAGOULD PINE BLUFF PINE BLUFF PINE BLUFF POCAHONTAS 1 **OCRILAND AM PRESCOTT AM SAINT CHARLES SAINT CHARLES STUITGART STUITGART STUITGART STUITGART STUITGART MILSON WILSON WINNE DIVISION	82.4 84.1 86.6 86.6 84.4 82.8 85.7 84.0 81.4 86.4 84.2 85.7 83.8 83.3 86.0 82.6 83.8 83.9 86.0 82.7 84.2 85.7 83.8	61.1 62.7 61.9 62.2 61.6 62.5 60.0 59.8 65.2 63.6 59.1 62.9 61.9 62.1 63.7 62.1 63.7 63.1 63.1 63.1 63.1	71.8 73.2 74.1 73.3 72.5 74.1 70.6 75.8 74.2 70.9 73.6 73.4 72.7 74.9 72.6 M 71.3 74.9 72.6 73.4 71.8	2 • 1 2 • 4; 2 • 7; 3 • 0 2 • 6 4 • 4 2 • 4 1 • 9 2 • 3 3 • 7 4 • 8 3 • 1 3 • 4 3 • 5 2 • 3	93 91 96 92 94 92 92 93	21+ 19 19 30 16+ 30 29+ 18+ 18+ 20 24 23 19+ 22+ 30 19+ 21+ 21	53	1 1+ 16 1 16 1 16 1 1 16 1+ 1 1 1 1 1 1	17 13 9 15 27 15 27 10 12 10 28 25 6 11	6 7 12 5 4 7 8 0 14 9 5 6 12 8 2 11 6 2 14 14 5 1	000000000000000000000000000000000000000		2.70 3.51 3.02 3.13 3.21 2.83 2.95 2.26 1.80 2.79 3.19 2.37 3.49 2.50 1.10 3.65 2.73 1.59 3.49	- 1.32 - 1.59 - 0.79 - 1.59 - 1.40 - 1.24 - 2.15 - 1.91 - 1.51 - 2.55 - 1.03 - 2.13 - 3.264 - 0.82		15 15 20 15 1 2 2 15 15 15 15 15 15 15 15		000000000000000000000000000000000000000		4 6 4 3 6 7 6 7 3 4 10 3 3 7 3 2 6 5 3 5 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2 4 2 2 1 3 1 2 2 2 1 3 3 1 3	

D DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION MEANS.

DAILY PRECIPITATION

Table 3																												K.	
Station	Total	1	2	3	4	5	6	7	8 9	10	11	12		of month		17	18	19	20 2	1 22	23	24	25	26	27	28	29		01
BBCTT	2.69		• 13 1	-			-			10		- "		1					+21				+ 71	:11					: []
LUM FORK LY MITY 3 NE	2 · 20 · 70 1 · dy	.81	. 66																				* **						
NTOINE PLIN 1 W	2+68	5	4												.: }														
RKADELPHIA RKANSAS CITY SHDOWN	2.50	1.40		-0										**	. 1								1	. =					
THENS	3.90	.02	1. 7	.1 '										11.9									. 0	::					
NACO KNOB NATESVILLE LIVE T TK	4.18 4.42 3.15	.25	+10											170 11 7					+26		•			0 0		. ,			
ATESVILLE L AND NC .	7.96		•15				,	-0.1						. 1.1					.84						r				
EAVER 1 SE EECH GROVE EEDEVILLE	3.07		•0# •18											6 + 4				+34	* 6.7 * 84			4 10 10 T	Ť	0 1 6					. 4
ENTONVILLE	.0.73		.45											.14 .	04						. 7	7 .44		. ~ !					. v.
BERRYV LLE 4 NA BIG FORK BIG LAKE O T 11	2.34	7	.74															-	+64		-1	,							11.
DLACK ROCK	4.04		. 5																. + 36			. 85		. 7		•			
BUTFF CITY LYTHEVILLE	3.13	1	1.59							1 -				-	- "		-				-	-	- 20	.9.					
BDUGHTO's	3 . 3 .		2.5.																4 T.A					.51					
BRANFORD BRINKLEY BUFFALO TOWER	5.86		. 11																. 440			4 fee	1.93	- 1					. ,
SURPETTE CABOT & SW	2.48		. 5											. ::									.10						. 1 *
CALICO ROCK CAMPEN 1 CAMP CHAFFE	1.89	• 2 6 T	1.14	. 4																				T					
CARLISTS 1 SH	1.648	.54		•0				* -						11															
LARKSVILLE LLINTON COLD SPR NG	2.42		.17 .40																			•	.58						
CONTING	1.76	.~7	. 4															.04	+34			. 96		.0					
COTTER	2.05		. 75												9								. 4.5						
CROSSETT 7 S CRYSTAL VALLEY CUMMINS FARM	2 + 31 5 + 73 3 + 1	T	.76 .79				*.1		•01															.0					. 3
DAISY DAMASCUS	4.61		.03											14.									7	T				- 1/1	
DARVILLE	2.08	7	.43 .55																				.03	9 .4					. 4 . 4
DE QUEEN DERMOTT	1.6	7	. 56																. 35					-11	. 1				
DES ARC DEVILS (NOB DUMAS 1	6 • 45 5 • 45	9	.42			• •	.O.								10	_			_			- 1	12.25						
EAGLE GAP EL OCRADO CAA AP	2+25	.04	39	-		-	T		-													1.00			0				
EUREKA SPR NGS EVENING SHADE FAYETTEVILLE	7.5! 5.5! 5.5	5	T											** **		•03	T		. 5.			1 .05	.6		r				
FAYETTEVILLE CAA AP	6.7	.32	2 7																		11.	. //	5	1 .1	6				. 4
FLIPPIN CAA AP FORDYCE 6 W FORT SMITH WB AP R/	6.2	-12	2			-		-								-		-			-		. 8	-					. 5
FT SMITH WATER PLANT	5.9		.56						Ť					./	2			-	-	_ -	-	-		1.7	4				
FOUNTAIN HILL FULTON GEORGETOWN	2.7	- 12	1.94											1.					1+72					. 4					
GILBERT GLERACOD	4.5	5		.11										• b															
GRANAIS GRAVELLY GRAVETTE	2.6	2 T	2 • 62 • • 6 2 • 51											11							6.0	3 /	. /		5				1:
GREEN MOUNTA N	7.1		. 36	-								-												-	1				
GREENBR ER GREENWOOD GURDON 3 E	3.0	5	. 37			-									1 .34														. 4
HAMPTON HARRISON	2.9 7.8	9 .0		•12																		/*				T			
HEBER SPRINGS 3 NE HECTOR	2 • 2	6	.42				Т		.1.						. 19				+1				5	- 0		**			. 4
MELENA MENDERSON 2 W MOPE 3 NE	3.6 4.6 2.7	8 . 7	6 9:.7											1.1	, T							• 1							
HOPPER HORATIO	3 • 4	4 .0	1 1.01										• • -		. + 1												•		
HOT SPRINGS 1 NNE HUTTIG DAM INDEX	3 - 1	1 .9	4 .01 7 1.21 0 2.10	3 y						-																			
JASPER JESSIEVILLE	4.9	5	• 21 5 • 75	В															. 93			. 4							* * *
JONESBORO KEO LAKE CITY	2 · 7 3 · 5 2 · 1	0 .0	7 .0	,	1									1 1	140				.52			-	b			4			
LANGLEY	404	5 T	100		4									3.6 1.								·	T . 0	T 4					
LEAD HILL LEE CREEK LEOLA	3.7 5.8 1.7	2	.6	3			ī							2.	.15							t							• 4
LITTLE ROCK WB AP R.	4.9	2, .3	9 .0	6																	.20 .	1 1				• •			
LOST CORNER LOUANN 2 SE LURTON	3 + 5 1 - 4 4 + 0	2 .5	0 .5. 1.0 .3	2 2 8	1									.6					. 9 -			1.		e .1	4				
MADISON MAGNOLIA 3 N	3 - 0	12	1 1.7	8 .0																			+2						:
MAMMOTH SPRING	2 • 5	.9	15 +0	3														. 6	+7 ° +86			. 6			1 7				
MARIANNA 2 5 MARKEO TREE	3+1	3 T	.9 +1	1 2 T											. • • • •	1			. 4										

See reference notes following Atotion Inde

	7														Da	y of m	onth																
Station	Total	1	2	3	4	5	- 6	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARSHALL MARVELL MERVE MENA MONTICELLO 3 °	3.43 5.04 2.25 3.32	- T 1+15	• 28 • 03 • 64 • 51	3	-	-	-	-	-	10	-	-	-	-	-	.45	1.73 1.95 1.02 .17	-08	-	-	-	-	-	-	-	.79	-	.24 1.39	-	-	-	-	.43
MOROBAY L AND D NO B MORPILTON MOUNT TAA MOUNT MAGAZINE MOUNTAIN HOME	4.18 2.44 2.77 3.06 4.83	•02	.83	+21 3 +0												.20 1.08	•15 1•47 1•28 •76 1•92	+10								. 80	.06 T .06 .60	.96 T		т	. 86		.64 .58 1.00
MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY 6 NNE WARROWS DAM WASHVILLE PEACH SUBSTA	5.05 5.25 6.10 3.29 3.49	.03	.09 .16 .55 2.00	3							Т					. 42	2 • 6 3 1 • 5 5 2 • 7 8 • 5 9 • 7 6	.05				T				• 79 • 70 • 10	•06	.60 .80 .12	.06	T	Т		.30 .55 .69 .67
NATHAN 4 WNW NEWHOPE 3 E NEWPORT NIMROD DAM DDELL	3.99 5.70 2.83 2.67 6.12	. 12	1.47 2.70 .30 .50)					Т							T • 4 7	1.73 1.65 1.70 1.10 2.03	•12				• 35				T T • 93	T •06 •40	.05 .06 .13	.05	•12		• 60	.14 1.35 .06 .88 1.54
DDEN 2 W KAY DSCEOLA DWENSVILLE ZZARK	2.87 3.04 1.66 2.46 3.83	1.66	.06)	2											T + 11	1.30 .42 .90 1.10 1.28					.18				.20		.04 .13			T		• 75 • 75 • 42 • 69
DZONE PARAGOULD PARK IN PARK S	4.68 2.95 4.30 2.84 2.55	•32	.42 .12 .02	•0:	3												2.28 .91 .95 1.15	.04				•98			• 0 4		1.25	.43 .12	•03	•12			.65 1.70
PERRYVILLE PINE BLUFF PINE BLUFF CAA AP PINE RIDGE POCAHONTAS 1	2.49 2.26 1.80 3.02 2.79	.68	.89 .16	• • • • • • • • • • • • • • • • • • • •	1				.01							• 64 *	1.39 1.22 .32 1.48 2.00	•01			.04	•18					• 15 • 25	•02					.58 T .68
PORTLAND PRESCOTT PATCLIFF PROON ROGERS	3.19 2.34 3.68 2.07 7.95	•28	1.36 .34					· 20 • 02	• 60							2.17	T .58 1.07 .91 2.20	•31 •16						,	.08	*	.23 1.21	•09	Т	•10	•10 •01		•10 1•04 •76
RUSSELLVILLE AINT CHARLES AINT FRANCIS BALEM BEARCY	2.17 1.79 2.12 5.86 3.49	T	• 23 • 06 • 04 • 56						.08	T							1.00 1.06 1.38 2.13	.03 .08 .05			.15	•93				1.00		.30 1.15	T •06	T .07			.49 .56
HERIDAN TOWER HIRLEY SILOAM SPRINGS SPARKMAN 4 E STAMPS	2.58 .55 8.31 1.75 2.67		*10 1*33 1*10 1*90)											• 30	*65 T 2:02 *40	2 • 12									#28 1.24	.09 .34	•17 •10	.04		Т		.85 1.05
TAR C1TY 2 S STEVE STUTTGART STUTTGART 9 ESE SUBJACO	3.07 2.50 1.10 3.50		• 38	.0		~		-	-	-	*	-	-		-	-06	- 1.07 1.35 .55 1.00	- +05	-	-	-	-	-	-	-	-	- 69	•43	-	т	-	-	- •95 •40
SUGAR GROVE AYLOR EXARKANA WB AP R// URNPIKE JALDRON	2.68 3.79 3.03 3.90 3.39	2.12					01										.83 .51 .43 03	• 11								•05	.60 T .41 1.35						1.05 .43 .80 .32
VALNUT GROVE VALNUT PIDGE CAA AP VARREN VASHITA VHITE ROCK	2.73 3.65 2.73 3.90 8.11	.74					1	T T	Т							. 74 -18	1.25 .97 .17 1.50 4.00				1 • 12	•52 •39			.18			•02	Т	T •06		•03	•11 •02 T •60
WHITECLIFFS WILSON WYNNE YELLVILLE	2.63 1.59 3.49 6.31	•20	1.20													•03	.35 1.13 1.11 2.03					. 34				•21 1•32	Т *	1.22					.48

Table 5				_				-		411				VII .			OIM				_											MAI	Y 1956
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
	MAX MIN	59	73 51	80	83	84 57	86	86	86 55	86	85	86 70	86 67	84 69	83	75 61	. 77 54	89 57	96 58	91	91	90	8 y 6 3	90 63	74	b0 59	88	88	65 65	90	89	87	84.5
	MAX MlN	58 54	78 57	81	84 57	88 57	87	90	82	89	84	8 7 7 1	87 67	88	87 68	81	78 54	89 52	92 59	92	92	92	90	91	87	75 62	89	89	87	94	89	87	85.9 62.5
	MAX	59 53	75 57	83	85 57	86 59	86	90 65	63	90 64	86	89 68	88	89	89 70	63	82	90	93 56	95 58	93	93	94	85 59	87	87	89	89	90	90	87 69	85	86.8
	MAX	58 51	68 57	78 53	78 55	85 58	85 67	85 62	85 58	76 56	83	85 72	86	86 70	85 70	71 62	75 53	85 52	86	86	89	87 62	90	66	6 8 5 3	71 59	84	86	88	89	90	88	81.9
	MAX	62 43	63	75 49	81 51	83	86	88 59	87	82 52	79 65	82 70	85 67	86 69	87	73 56	71	76 50	90	87 60	86 57	87	91	89	90	72 50	68	84	85 65	86	89	90	81.9
	MAX . MIN	60 48	75 57	81 54	80 53	87 50	87	85 61	81 53	83 53	83 70	85 73	86 71	87 72	85 67	74 59	"4 45	88	88 52	87	87 61	90 60	90	у0 61	77 59	64	84	86	88 67	88	89	88	83.1
	MAX MIN	5 9 5 2	71 56	79 53	83 54	87 61	86	89 63	79 59	86 57	8 2 70	86 71	86	87 70	85 68	75 64	78	88	88	90 58	88	89 61	87	88 60	81	79 61	86 61	87 67	88	88 65	88 65	85	83.8 61.7
	MAX MIN	60 51	68 54	8 1 4 7	83 53	85 59	88	84 55	85 56	86	84 67	79 69	81 69	8 7 7 1	79 53	73 52	75	86 56	89 53	89 63	89 61	88 63	88	85 61	63	71 53	80 61	84	85 61	86 65	88 65	7.8 5.9	81.5
	MAX																																
BOONEVILLE	MAX Mln	62 54	76 55	84 57	85 57	90 63	90 58	89 59	84	90	8 8 70	88 70	89 68	90 72	88 74	80 59	79 49	88	94 56	95 64	93	92 60	91 61	у3 60	82	71 56	87 63	63	89 63	95 71	91 70	80 64	86.5
	MAX MIN	62 51	68 59	78 54	8 2 5 7	84 60		86 63	77 58	84 58	82 67	86 70	85	86 71	88 72	74 64	75 54	86 57	87 59	88 59	88	90 65	88 65	92 63	8 7 5 8	85 58	87 63		87 67	90 68	89	87 68	83.7 62.3
	MAX MIN	62 53	64 55	75 55	83 55	87 59	91 64	90 64	91 63	8 <i>2</i> 61	92 69	8 7 70	92 68	92 71	92 65	92 65	75 53	80 55	90 58	93 62	94 62	93 63	93 65	90 61	42 63	86 63	88 59	90	90 68	90 65	91 66	91	87.0 62.5
	MAX	66 54	59 55	75 54	83 56	84 61	88	88 58	88 61	83 63	89	86 67	87 64	88 70	89 70	84 59	76 49	79 52	88 57	93	93 63	91 59	90 60	90 62	91	69 57	75 57	87 65	86 66	88 66	90 66	90 63	84.3 60.9
	MAX MIN	66 54	77 56	82 54	84 55	87 59	88	89 60	85 60	88 61	86	84 71	88 66	90 64	85 67	85 60	77	88	91 55	94	91 63	92 61	91 60	90 61	87	71 57	87 61	89	87 68	90 65	93 67	87	86.1 61.0
	MAX	60 53	72 55	80 54	83 56	85 59	86 58	8 9 64	84 58	8 7 5 8	85 68	86 72	86 71	88 70	86 73	76 66	76 52	88 55	89 57	90 60	89 62	91 63	89 61	92 62	8 7 6 3	75 60	86 68	88	87 70	90 65	90 69	87	84.7 62.5
	MAX	56 46	62 5	72 56	79 56	72 57	86 66	85 66	76 48	74 55	83 67	85 70	87 71	88 71	89 68	70 57	68	72 59	87 57	82 67	84 50	82 64	90 67	87 65	82 53	64 52	70 59	82 66	86 66	86 67	89 69	91 65	79.5 60.9
	MAX MIN	66 55	70 61	77 57	82 52	84 59	8 5 6 5	90 59	80 66	87 58	86 66	88 71	89 68	88 71	90 72	87 66	79 51	90 50	93 56	93 57	92 58	92 62	90 59	92 60	88 62	84 66	89 64	90 67	90 69	89 65	87 62	89	86.3
	MAX MIN	63 50	69 58	79 55	83 55	83 60	85 66	88 60	85 60	85 59	84 65	88 70	88 69	89 68	89 69	77 66	75 55	86 55	89 60	91 60	90 66	91 64	90 63	90 64	88	88	86 64	63	89 68	90 66	90 66	68	85.2 62.6
	MAX MIN	64 54	74 56	83 56	83 58	87 62	87 68	87 63	85 60	87 62	86 71	85 70	87 69	8 9 7 1	87 75	77 61	77 53	87 55	90 59	93 64	91 64	91 67	90 65	91 65	86	72 58	87 63	88 68	86 69	89 70	90 70	86 65	85.2 63.7
	MAX MIN	59 53	79 56	86 59	88 57	88 59	87 64	93 58	85 63	90	85 63	89 62	89 62	89 66	87 69	80 61	86 50	92 51	95 55	96 58	93 59	91 60	90 60	90 59	88	87 61	90 64	90	90 68	93 68	90 66	82 62	87.6 60.7
	MAX MIN	55 45	60 50	67 51	79 53	82 54	85	86 60	87 54	79	84 63	88 62	88 64	87 68	87 68	87 61	74 49	76 54	87 54	89 60	89 60	90 62	91 62	91 61	92 59	70 53	72 55	85 65	89 64	88 64	90 64	90 65	82.7 58.7
DEVILS KNOB	MAX MIN	63 47	70 51	78 54	81 60	81 57	82 63	84 62	79 51	80 58	79 63	76 64	80 64	83 64	77 58	68 53	75 49	86 55	84 61	84 63	84 58	84 66	83 63	80 58	50	65 50	77 58	79 63	77 64	81 65	82 65	80 57	78.8 58.5
	MAX	64 = 53	70 62	80 59	83 57	86 53	86 66	88 63	85 63	89 57	8 7 6 5	88 72	92 69	92 71	93 69	77 65	77 54	90 53	94 59	94 58	94 59	95 65	95 65	95 62	95 65	86 67	86 65	90 69	91 69	91 67	92 67	89 67	87.5 63.1
	XAP NIP	68 54	72 60	79 59	85 54	86 62	88 66	89 63	82 71	88 60	84 67	8 8 70	88 68	87 69	88 71	74 59	78 53	87 53	91 59	92 59	91 60	90 65	87 68	89 58	86 66	86 66	91 66	90 68	90 69	90 67	89 65	81	85.6 63.3
	MAX MIN	65 51	76 54	31 49	80 55	85 59	87 64	83 59	88 55	63	82 68	79 69	85 69	87 68	81 53	69 53	75 46	85 61	89 55	89 64	90 60	86 68	87 66	86 65	65	68 53	76 61	82 65	82 67	85 68	87 67		81.5
FAYETTEVILLE	MAX	65 53	69 54	81 49	8 <i>2</i> 55	84 61	86 65	84 57	83 58	85 64	83 68	79 68	84 69	87 68	80 55	72 53	75 46	85 60	88 55	89 69	88 60	87 67	87 65	86 65	66 52	70 56	80 63	83 66	84 68	85 69	87 69	79 60	81.4
	XAP	61 53	71 55	80 47	81 51	82 60	84 62	85 54	81 59	84 68	82 69	81 70	84 70	86 70	81 56	70 50	75 44	85 57	86 52	89 60	88 55	86 62	85 63	85 62	65 54	69 58	79 61	82 64	82 64	84 69	85 70	75 53	80.4
	MAX	69 51	69 52	78 48	80 51	82 58	84 65	84 55	82 55	8 5 62	83 64	81 67	67	87 67	83 52	69 51	72 43	83 57	85 52	87 69	86 59	85 64	85 64	83 64	65 49	69 52	79 61	81 66	82 65	83 66	85 67	82 58	8C.4 58.7
	YAX NIN	59 48	75 55	82 49	80 56	86 52	89 63	85 58	77 55	85 61	85 70		88 66	90 71	77 57	72 57	75 45	86 54	89 51	86 65	89 61		90 63	88 61	62 48	61 52	83 60		86 65	88 68	90 66	80 59	82.1 59.2
	MAX																																
FORT SMITH WB AP	MAX MIN	58 55	75 56	83 57	85 58	88 62	89 65	88 60	83 62	91 63	8 8 6 8		89 67	92 73	83 69	76 59	79 52	89 55	95 58	96 63	92 64	91 62	91 62		69		87 63		88 67	91 67	90 70		85.1 62.5
	MAX	67 53	76 54	80 50	82 53	85 59	85 63	87 53	85 60	87 62	85 67	83 68	86 69	88 62	66 61	76 56	76 43	88 47	89 50	92 56	88 64	88 67	87 59	87 65	58	68 55	83 60	65	84 65	86 67	88 62		83.8 59.2
	MAX MIN	65 46	76 55	50	83 51	86 51	88 61	86 55	83 55	85	85 70	87 73	88 70	91 72	63 61	72 61	76 45	87 49	89 52	87 59	90 58	89 65	90 59		65 56	67 53	63	60	86 62	91 63	92 63	64	83.8 58.6
	MAX	77 50	76 52	81 57	83 57	83 58	59	87 60	80 62	85 61	80 61	82 66	67	83 66	8,6 69	72 55	78 54	86 53	87 52	89 52	87 59	61	85 60	86 60	77 64	81 61	86 61	85 66	84 66	87 68	83 68		82.9 60.2
	MAX MIN	67 40	68 54	81	8 1 5 3	83 60	86 62	83 56	84 55	85 62	83 67	80 68	84 69	85 68	80 53	72 51	75 42	85 55	53	86 67	87 58	85 65			63 49	71 52	80 61	82 64	84 64	84 65	86 66	75 59	80 • 7 58• 4
	NIN																																
	MAX MIN	64 45	74 51	82 48	79	86 46	88 62	84 58	80 55	84 59	83 67	81 62	85 67	88 69	81 53	71 55	75 43	86 59	8 6 52	88 62	85 60	90 59	69		62 48	62 51	80 57	85 61		88 65			81.6 57.5
	MAX MIN	67 52	71 60	80 59	85 57	82 58	83 68	87 62	81 60	83 60	85 65	90 70	89 70	8 8 70	86 72	80 67	75 57	87 58	92 63	92 66	90 64	93 67	92 67	66	85 65		86 67	8 7 66	88 68	90 69	70	68	85.3
	MAX MIN	61 51	60 53	75 57	81 58	85 61	85 64	86 64	89 61	80 61	89 66	84 70	88 69	87 71	70	63	75 55	79 57	89 60	92 61	93 62	6.5	90 66	88 65	90	80 63	63		89 67	8 y 6 6			84.4

Table 5 - Continued								-							I	Day	Of Mo	onth		-												T	ege 1990
Station		1	2	3	4	5	6	7	8	9	10	11 1	12 1	13 1	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	1	Average
HOT SPRINGS 1 NNE	MAX	58 52	74 56	82 56	86 60	84 62	87 67	91 66	· 88	8 8 6 2	85 69		87 69	87 71	85 67	78 61	80 54	91 63	93 61	94 68	91 65	91 63	89 60	91 60	86 63	85 60	89 60	89 69	90 70	91 67			86.3 63.3
JONES80R0	MAX	61 48	70 57	77 55	75 56	86 55	89 67	82 55	76 51	82 57	85 65			88 70	74 65	72 58	76 51	88 58	87 58	8.8 6.3	85 62	91 65	90 68	91 66	71 56	69 55	84 61	88 64	90 66	91 66			82.4 61.1
KEO	MAX	60 52	66 57	7 7 53	82 57	84 59	85 68	88 64	78 59	85 59	85 66				87 71	75 65	75 52	89 55	88 59	92 61	89 63	91	89 63	91 63	76 62	74 59	89 61	90 68	90 63	91 65			84 • 1 62 • 2
LEAD HILL	MAX	60 45	75 56	83 47	8 l 5 2	87 50	89 59	85 56	79 56	85 61	85 63				81 55	73 57	77 41	87 51	89 49	87 62	90 62	90 57	89 56	89 57	66	62 53	82 53	85 60	88 66	90 65			82.6 57.0
LITTLE ROCK WB AP	MAX	58 53	67 57	77 56	82 59	85 61	85 68	90 62	78 59	87 61	84 69	88 73			84 68	74 59	77 58	89 58	90 65	92 65	90 65	92 67	90 67	92 67	73 63	72 60	87 63	89 69	88 69	91 67			83 • 8 64 • 1
MAGNOLIA 3 N	MAX	63 51	78 59	78 55	83 54	85 61	87 64	90 62	80 62	90 62	85 69			88 70	89 70	84 62	78 49	88 55	91 56	93	91 61	91 64	88 63	90 63	88 64	88 63	89 62	90 63	90 64	92 65			86.6° 61.9
MALVERN	MAX MIN	59 53	74 53	82 55	86 55	87 51	87 61	91 63	82 61	89 58	90 63			8 8 70	88 70	79 64	80 52	88 53	92 53	92 59	90 65	91 62	89 68	90 61	89 64	83 61	88 62	88 70	90 70	91 64		87 65	86.3 61.6
MAMMOTH SPRING	MAX	64	74 56	84	82 52	85 51	91 51	85 61	80	84	85 70				88 58	71	73 44	87 48	89 50	85	84 59	86 59	90 58	87 59	69 51	63 54	81 59	87 65	85 65	90 65	91 65		82 • 7 57 • 6
MARIANNA 2 S	MAX	64 50	67 59	78 55	82 55	83 60	85 67	86 63	83 58	83	84 64			88 66	89 70	81 63	73 53	85 55	88 63	88 63	87 62	90 67	88 65	90 62	86 62	78 59	87 66	90 66	89 66	90 67	91 66		84.4 62.2
MARKEO TREE	MAX	63 48	68 58	7 7 54	76 54	86 57	83	82 64	78 53	85 59	86 66	89 69		89 71	85 70	75 59	71 53	86 55	87 57	86 61	84 62	90 64	90 66	89 63	75 56	73 55	84 64	88 66	88 66	90 66	91 68	85	82.8
MARSHALL	MAX	63	75 53	82 50	80 54	84 56	85 67	85	80 54	84 54	82 59			86 67	83 61	70 57	75 44	85 56	83 51	85 65	88 60	87 66	88 60	89 66	67 57	68 51	84 61	83 66	87 68	89 70		85 62	81.6 59.4
MENA	MAX	58 52	75 55	80 56	84 58	85 58	85	85 59	84 61	85	8 2 6 7	83		8 5 70	81 70	75 58	80 54	87 58	90 59	91 65	88 67	87 67	85 65	87 64	80 63	76 58	86 63	85 68	86 68	88 70	85 69	78 62	82.9
MONTICELLO 3 S	MAX	65	71 59	79 57	82 54	83 53	85	89 59	84 62	85	84	8 7 70	87 68	88 70	89 71	83 67	76 47	88 56	92 57	92 66	90 66	90 65	90 64	91 61	89	88 63	87 65	90 68	88 70	89 68	89 65	88	85.7 62.5
MORRILTON	MAX	60	73 55	80! 54.	83	86 5.8	87	89	85 56	86	85 72	87 74	86	87 70	84 72	76 62	76 55	89 55	89 57	90 62	90	90 64	89 62	91 62	84	74 59	87	88 70	88 69	90 67	91 67	85	84.7 62.6
MOUNT IOA	XAM	60	72	84	86	36 55	86	89	89	87	83	80	86	87	83	74	79	89 58	91	92 57	91 57	89	87 60	89 57	87	80	87	87	87 67	89 70		87	84.9
MOUNT MAGAZINE	XAM	65	66	76 55	80	78 58	79 62	79	72	79	75 61	75 56	78	78 64	82	70 54	70	81 58	81	85 67	83	82 67	82 67	83 69	72 54	68	78 59	79 65	76 62	80 68	81	75 56	77.0
MOUNTAIN HOME	MAX	69	75 60	81	82 55	85	88	85	75 54	83	84	84 71	86	87 70	82 56	70	74	86 59	86 54	84	87	88	87 67	86 64	65 45	61	81 59	84	85 64	86	88 67	84	81.5
MOUNTAIN HOME C OF ENG	MAX	67	59	75 50	83	78 55	85	87	85	78	83	83	84	85	87	62	74 43	75 56	86 51	86	83	86	89	88	87	61	63	81	84	84	87	89	80 • 1
NARROWS DAM	MAX	60	60	76 53	84	87	85	87	92	81.	88	85	8.8	39 67	90	85 63	80	83	90	94	93	91	91	89	90	81	86	88	89	90 65	91 61	88	85.5
NASHVILLE PEACH SUBSTA	MAX	60	58	77:	81	84	84:	83	89	81	87	83	86	88	87	84	77	80	87	90	91 59	89	88	86 58	88	79 59	85	87	87	88	89	87	83.5
NEWPORT	MAX	62	72 56	82	80	90	89	86	80	86	87	88 70	89		85	73 58	76	89	90	89	89	93	92	92 61	73 58	70 55	89	88	90	93	94	87	84.9
NIMROD DAM	MAX	63	58	75	83	86	88	87	89	85	88 71	85	88	86 70	87 71	84	76 50	79		92	93	92	91	90	92	77	77	89	90	89	91	92	84.7
OKAY	MAX	58	77	83	87	87	86	90 67	90	90	87	89	90	89 70	89	79 63	81	91 55	93 58	93	92	91	88	90	88	88	90	89	90	91 69	89 67	88	87.2 63.7
OZARK	MAX MIN	66	76 53	81	84 57	86	87	88	83	87	85	85 70	86	89	84	78 61	78 49	88	90 57	92	95 64	91	90	90	80	69 58	87	86	86	89 70	90	82	84.8
PARAGOULO	MAX	62	71 58	79 53	76 53	85 52	83	80	76 50	84	85	85	85	86	84	69	71 41	86 57	87 56	87	85	88	88	88	71	68	82	85 65	86	89	89	83	81.4
PARIS	MAX	66	79 55	84	86	90	90	90	86	90	8 7 70	85 70	90	91 71	85 72	76 59	79	88	93	95	94	92	92	91 61	85 62	71 56	90	90	90	93	92 68	88	87.0 61.4
PERRYVILLE	MAX	61 53	73 51	80	81	86	90	91 63	78 56	89	85 72	89 73	88	89 65	86 73	78 60	79 53	86	93	93	94	93	92	90	71	72 60	86	87	89	91	93	86	85.1 60.7
PINE 8LUFF	MAX	60	70 59	81	85	86	88	91 66	88	88	85		89	89		76	79	90 58	93	93	91	92	91	93	81	83	90	91	91		92	82	86.4
PINE BLUFF CAA AP	MAX	61	71 58	79	84	85	85	88	79	85		88	88	89	87	75		88	91	90	90	91	90	91 64	79	81	88	90		91 66		85	84.8
POCAHONTAS 1	MAX	63	73	80	57 78 54	62 85	69	82	77	82	85	85		67	86	57 71	73	88	61 85 54	84		91		90	74	64	85	87	88	91		87	63.6 82.6 59.1
PORTLAND	MAX	6.5	64	70	78	53 79	80	84	87	53 82	82	84	86		87	89	84		88	92	92	91	63 91	90	92	87	87	87	88	88	88	85	84.2
PRESCOTT	MIN	60	62	72	82	5 7 86	87	88	90	81	63	85	91	89		69 88	78	80	56 89	93		92		89	90	80	86	89	91			91	85.7
RO GERS	NIM	67		57 79	59 80	61 83	85	82	82	83	82	79	82		80	69	72	55 84	87	87	86	86	65 85	84	63	61	77	63	80	83	84	80	79.9
RUSSELLVILLE	MIN	65		81	83	86		89	56 88	89	68 87		88	88		53 77	78	89	90	94	91	92	91	92	89	53 75	62 89	89	89	90	91	88	86.1
SAINT CHARLES	NIM	56	63		79	58 84	86	87	88	79	69 85	83	87	88		59 88	75	51 75	87	90	91	90	91	90	92	79	82		87	89	69 91		61.8
SEARCY	MIN		79		78	86		86	80	59 83	83	87	87	71 88	83	74	76	56 88	87	88	65 88	91	89	92	83		84	83		88	89	85	83.3
SHERIDAN TOWER	MIN	74	57	81	56 84	57 85	86		57	83	84	67 87	87	71 85	85	62 75	53	53 87	88	91	91	91	90	91	61 75	86	85	87	88	86	67 88	67	85.4
SILOAM SPRINGS	MAX	72	53 61	70		5 7 82	83	85	59 83	58 82	59 85	71 82	80	84	65 85	67	72	75		65 86	64 87	62 88	61 85	61 87	61 86		59 71	79	i		64 83	86	60.8 79.7
STUTTGART	MAX	62	54		85	57 87	87	89	59 81	60 87	66 85	89	89		55 88	53	77		91	65 93	61 91	64 93		93		81	89	90	90	93	92	61	59•2 86•0
	MIN	52	58	56	59	62	66	64	60	62	66			71	71	65		56		63				63			66					68	63.7
							1													l													

Station																Day	Oi M	lonth															
Siation		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3	
TUTTGART 9 ESE	MAX	53 51	62 52	67 56	78 57		83	84	87	78	83	83	87 68	88	88 69	87 65	7.4	73	H6	9	90	8	91	y ,	71	14	6.3	0'	U	08	11	/0	
UBIACO	MAX	62 53	77 52	82 56	85 56	89 59	90	88	83 58	90	8.6	н 7	00!			7.	7.6														/4		
EXARKANA WB AP	MAX	62	75	81	86	86	8.5	8.8	8.2	8.9	Has	8.8	8.4	8.0	w 7	74	80	H m		0.2		0.0									1.7		
URNPIKE	MAX	57	7.0	7.8	79	80	82	80	76	78	7.6	75	7.0	н 1	7.6	4.4		H. A			al.												
ALDRON	MAX	65	74	84	87	88	88	89	8.7	8.9	8.7	86	HH	8.0	ию	7.7	7.6			116											- 9		
ALNUT RIDGE CAA AP	MAX	62	72	79	75	85	83	81	76	8.1	85	8.6	8.8	н 7	7.0	70	22	27	12.5												68		
ARREN	MAX	65	7.1	81	87	87	8.8	9.1	7.9	8.7	85	9.0	0.0	0.3		7.0	7.0				0.0										y(- 66		
HITE ROCK	MAX MIN	61	68	75	80	80	81	8.1	7.6	8.1	7.6	7.6	80	6.1	7 w	4.0	73	0.5	0.6	216		,									67 65		
ILSON	MAX	69	71	7.8	7.7	8	85	83	7.8	84	8-	4.3	87		8.0	7.0	7.2		0	0											92		
ANNE	MAX MIN	63	66	7.7	7.9	84	84	8.3	7.7	81	83	11.6	9.5	9.4	u.	7.2	7.2	u.c		0.4					-						7		

Table 6

EVAPORATION AND WIND

																	Day o	i mor	th														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
BLAKELY MOUNTAIN DAM	EVAP	.05	.3.	.10	.19	.23	20 33	.22	.31	. [.22 56	.25 82	.21	.27	43	.07	.23	.27	.23	.28	.27	. 3_	.3	.21	. 3	. 23	3	2	. 9	. 1 7	17	3.	ь.7 1
IOPE 3 NE	EVAP	65	32	.08	.19	.20	.17	.14	-7 41	.13	.22	.22	.21	.23	. 20	_5	.14	. 24	.24	. 25	.26		-3	.44	.28		- 8	*	.46	.13	. 3		. 4
OF ENG	EVAP																																
NARROWS DAM	EVAP WINO	.11	.08	.08	.17	.18	. 20	.16	.27	.20		.19	.19	.20	. 17 54	.) r 42	.3	.27	.28	.24	 Z-	. 29	. 24	.28	.31	.18		.19	.24	1111	42	3.7	6.4
MIMROD DAM	EVAP WIND	.08	- 3	.09	. 22	.10	.30	.26	.22	.19	.2	·22	. 14	.31	.19	.08	.18	-23 40	*	.50	. 9	. 25		.27	.24	. 24			.18	.19	21	. 8	o.f
RUSSELLVILLE	EVAP WIND	.14	.06	.17 6	.27	.23	.20	.27	.30	.21	14		.18	.21	.18	.24	.20	.23	.32	.37		.30		. 22	. 33	. 0		I+ 8	.18	. 8	.28	.23	
TUTTGART 9 ESE	EVAP	.04	.03	.04	.14	*	.34	.13	.25	.16	.2	.21	.22	.26	.20	.12	. 7	.21		.21	. 2		. 9 St	. 28	. 7	,	.1	. H	.22	.13	. 67	11.3	

Station	ax No.	County	Drainage† Latitude	Longitude	Elevation	Obs vati tim	Observer	Refer to tables	Station	»x No.	County	Drainage	Latitude	Longitude	ation	Obs vatio tim	e Observer	Refer to tables
	Index					Temp.	Observer	(ables	Louann 2 SE	Index	Unlon	÷			130	Tem	Observer	
Abbott Allcin Alum Fork Aly Amity 3 NE	0064 0130 0136	Scott Lawrence Sallne Yell Clork	1 35 04 7 35 54 1 34 48 3 34 47 3 34 17	91 05	755	5P	7A Jumes V. Williams 7A Ruby B. Owens 5P L. R. Wuter Works 7A Gurn B. Swaim 7A Mrs. Alta F. Gurner	3 C 2 3 5 C 3 C	Lurton Madison Magnolia 3 N Magnolla 5 N	4386 4528 4548	Newton St. Francis Columbia Columbia		3 33 22 7 35 46 5 35 00 4 33 19 4 33 20	92 46 93 05 90 43 93 14 93 13	2007 215 315 360	6P	6P Florm A. Bamilton 8A Lola 1. Dollar 7A Loren R. Jones 7A Eurl E. Groham MID Ark. Pwr & Lgt Co.	3 3 3 2 3 5 7
Antoine Aplin 1 W Appleton Arkadelphla Arkansus Clty	0196 0220 0234	Perry Pope Clurk Desha	3 34 02 1 34 58 1 35 25 3 34 07 2 33 37	93 00 92 53 93 03 91 12	522 200 145		8A Drew A. Lamb 7A Bobart Watts 1D John A. Jones 6P Hillman E. Lawrence 8A John W. Trammell	3	Malvern Mammoth Spring Marlanna 2 S Marked Tree Morshall	4572 4638 4654 4666	Hot Spring fulton Lee Poinsett Searcy		3 34 23 7 36 29 5 34 44 5 35 32 7 35 54	92 49 91 32 90 45 90 25 92 38	311 690 234 229 1050	SS 6P 6P	5P Malvero Fire Dept. 7A John H. McKee 6P Unlv. of Arkansas 7A Willimm M. Crick 7A Mrs. Minnie Borton	2 3 5 2 3 5 7 2 3 5 7 C 2 3 5 7
Ashdown Athens Augusta Bald Knob Batesville Livestock	0300	Little River Boward Woodruff Wblte Independence	4 34 19	93 58	329 960 218 230 571	7 P 6 P 9 A	7P Southwestern G & E 7A Arra D. Parker 7A David G. Griffiths 6P Univ. of Arkansas 9A Univ. of Arkansas	2 3 5 3 C 2 3 5 2 3 5 C	Morvell Moumee Melbourne Mena Monticello 3 S	4696 4746 4756	Phillips Searcy Izard Polk Drew		7 34 33 7 36 03 7 36 04 3 34 35 3 33 35	94 15	195 749 610 1207 285	6P	8A Sterlin Fallace MID Verne N. Davenport 7A lvan L. Sbrader 7A E. W. St. John 5P Arkansas A & M Col.	3 2 3 5 7 C 2 3 5 7 C
Batesville L & D 1 Bear Creek Lake Beaty Lake Beaver 1 SE Beehe	0496 0512 0518	Independence Lee St. Francis Carroll White	7 35 45 7 34 43 5 35 05 7 36 28 7 35 04	90 42	400 930	1	7A James J. Mitchum ID U.S. Forest Service SP L. G. Adamson 7A 82rvey E. Skelton ID Lowell E. Perkins	2 3 5 C C 3 C C	Montrose Morobay Lock & Dam Morrliton Mount Ida Mount Magnzine	4934 4938 4988	Ashley Calhoun Conway Montgomery Logan		3 33 19 3 33 19 1 35 07 3 34 33 1 35 10	92 27 92 45 93 38	125 85 280 663 2800	5P	MID Ark. Pwr & Lgt Co. 7A Corps of Engineers 7A Emma S. Leavel1 5P William E. Black 7P U.S. Forest Service	3 C 2 3 5 2 3 5 2 3 5 C
Beech Grove Beedevllle Benton Bentonville Berryville 4 NW	0536 0582 0586	Greene Jnckson Saline Benton Carroll	7 36 09 7 35 26 6 34 33 1 36 22 7 36 26	91 06 92 37 94 13	221 285 1295	6P 6P	8A B. B. Hammond 8A P. M. Breckinrldge 8A Mrs. Etta C. Burks 7A Earle L. Browne 7A Dovid L. Stidbam	3 3 2 3 5 2 3 5 2 3 5	Mountain Rome Mountain Rome C, of E Mountain View 1 W Mulberry 6 NNE Narrows Dam	5038 5046 5072	Baxter Baxter Stone Franklin Pike		7 36 20 7 36 20 7 35 52 1 35 34 3 34 10	94 01	800 800 768 500 425	7P 8A 8A	7P Charles Shiras 8A Corps of Engineers 7A Mildred E. Ward 7A Henry G. Arvin 8A Corps of Engineers	3
Blg Fork Big Lake Outlet Black Rock Blakely Mountain Dam Blue Mountain Dam	0676	Polk Wississippi Lawrence Gorlond Yell	3 34 29 5 35 51 7 36 07 3 34 36 1 35 06	90 08 91 06 93 11	228 259 426	1	7A Annn M. Llles 6P N. W. Douglus 7A Lee W. McKenney 8A Corps of Engineers ID Corps of Engineers	3 3 3 6 C	Nashville Peach Substa. Nasbville SCS Natban 4 mWW Newhope 3 E Newport	5114 5158 5174	Howard Howard Howard Plke Jackson		4 34 00 4 33 57 3 34 07 3 34 14 7 35 36	93 52 93 50	550 373 550 850 225	ľ	7A Univ. of Arkunsas M1D Soil Cons. Service 7A Edna J. Westfall 7A Elsie F. Ward 7A Luther D. Summers Jr	2 3 5 C 3 3 2 3 5 7
Bluff City Blytheville Booneville Botkinburg Boughton	0806 0830 0842	Nevada Mississippi Logno Van Buren Nevada	3 33 41 5 35 56 1 35 09 7 35 39 3 33 52	89 55 93 55 92 30	1200	6P 7P	7A Paul M. Adams 7A lvy W. Crawford 7A Cleo E. Yandell 1D Thomps M. Penrson 7A lrls Elmore Wicker	3 2 3 5 7 2 3 5 C 3	Nlmrod Dam Norfork Dam Odell Oden 2 W Okay	5228 5354 5358	Perry Buxter Washington Montgomery Howard		1 34 57 7 36 15 1 35 48 3 34 38 4 33 46	92 15 94 24 93 48	470 425 1500 800 300	1	9A Corps of Engineers MID Corps of Engineers 7A Mrs. Renzo Eurst 7A Vero J. Gaon 5P J. T. Horgis	2 3 5 6 C 3 3 2 3 5
Bradford Brinkley Buffulo Tower Bull Shoals Dam Burdette	0936 1010 1020	Wbite Monroe Newton Baxter Mississippi	7 35 25 7 34 54 7 35 52 7 36 22 2 35 49	91 10 93 30 92 34	460	5p	7A Marshall Blckmon 5P Robert D. Schnefer 7A Beulab F. Fowler 1D Corps of Engineers 6P G. A. Bule	2 3 5 7 C 3 C	Osceola Owensville Ozark Ozone Puragould	5498 5508 5514	Mississippi Sallue Franklln Jobnson Green		2 35 43 3 34 37 1 35 29 1 35 38 5 36 04	92 49 93 50 93 27	250 500 396 1900 275		8A Alwyn A. Cowan 8A Guy Cook 6A Burns Wakefleld 7A Maurice R. Brandt 4P Rudio Statlon KDRS	3 3 2 3 5 7 3 2 3 5
Cabot 4 SW Cnlico Rock Camden 1 Camden 2 Camp Chaffee	1132 1152 1154	Pulaski Izard Ouachlta Ouachita Sebnstinn	7 34 57 7 36 08 3 33 36 3 33 35 1 35 18	92 08	116 155	7A 8 A	SP B. M. Waltber 7A Austin D. Barrls 7A Leonard B. Dillwort ID Edith Z. Lehman 8A U. S. Army	3 7 3 7 2 3 5 C	Ports Parkio Parthenon Perryville Pine Bluff	5586 5602 5694	Logan Cross Newton Perry Jefferson		1 35 1B 5 35 16 1 35 57 1 35 00 1 34 12	93 15 92 49	222 925 325 215	5P	7A Corine D. Gardner MID Arthur B. Carlton	2 3 5 3 C 2 3 5 2 3 5 C
Canaan 2 W Carlisle 1 SW Carpenter Dam Clarendon Clarksville	1224 1238 1442	Searcy Lonoke Garland Monroe Johnson	7 35 52 1 34 47 3 34 27 7 34 41 1 35 28	91 45	172		HD Fromey Dell Borton 8A John L. Tait HD Ark. Pwr & Lgt Co. 7A B. F. Nortbern 6P Dr. Irving F. Beach	C 3 C 2 3 5	Pine Bluff CAA AP Pine Ridge Pocahontas 1 Portland Prescott	5760 5820 5866	Jefferson Montgomery Rondolph Ashley Nevada		1 34 I0 3 34 35 7 36 16 3 33 14 3 33 48	93 54 90 59 91 30	205 840 330 122 318	5P	MID U.S. Civil Aero Adm 7A J. R. Huddleston 7A Benedictine Sisters 7A Mrs. Pearl Newton 7A R. P. Hamby	3
Clinton Cold Springs Combs 3 SE Compton Conway	1520 1574 1582	Van Buren Scott Madison Newton Faulkner	7 35 35 3 34 58 7 35 48 7 36 06 1 35 05	93 54 93 48 93 18	1250 1400 2166	1	7A Earl B. Riddick 7A Morgaret Zornes ID Maude C. Brashears ID William L. Blnam 5P Clarence S. William	3 3 C C	Prescott SCS Pyatt 1 NNW Ratcliff Rovona 1 NE Remmel Dam	5970 6008 6016	Nevada Morlon Logan Miller Hot Sprlng		3 33 48 7 36 16 1 35 18 4 33 04 3 34 26	93 53 94 02	800 463 250		MID Soil Cons. Service WID Ona V. McLean 7A Lulu M. Weeks MID Bonny L. Allen WID Ark. Pwr & Lgt Co.	3 C C
Corning Cotter Cove Crossett 7 S Crystal Valley	1666	Clay Baxter Polk Asbley Pulaski	7 36 24 7 36 17 4 34 26 3 33 02 1 34 42	92 31 94 25 91 56	1050	7 A	7A Mrs. Laura Polk 7A Robert T. Fielding 7A Joe C. Allen 5P U.S. Forest Service 7A Virda Byrd	2 3 5 7 C 3 3 2 3 5 3	Rison Rogers Russellville Salot Charles Saint Francis	6248 6352 6376	Cleveland Senton Pope Arkansas Clay		3 33 57 7 36 20 1 35 18 7 34 23 5 36 27	93 08 91 08	231 1387 360 200 300	SS 5P 8A	SA J. H. Yaney SS Boward Fowler 5P U.S. Forest Service 8A Fish & Wildlife Serv 7A William S. Buckley	3 2 3 5 7 2 3 5 6 2 3 5
Cummins Farm Daisy Damascus Danville Danville SCS	1814	Lincoln Plke Faulkner Yell Yell	1 34 08 3 34 14 1 35 22 1 35 03 1 35 04	93 45 92 25	705 370		6P Cummins Prison Farm 7A Ferna Jones Tedder 7A William A. Brown 7A J. A. Moudy ID Soil Conserv. Serv		Salem Searcy Sheridan Tower Shirley Siloam Springs	6506 6566 6586	Fulton White Grant Van Buren Benton		7 36 23 7 35 15 3 34 27 7 35 38 1 36 11	92 17	668 245 290 600 1150		7A Jas. B. Caldwell 7A Adam C. Melton 6P Ark. Forestry Comm. 7A Maud B. Bradford 7A John Brown Univ.	3 2 3 5 7 2 3 5 7 3 2 3 5
Dardanelle De Queen Denver 2 E Dermott Des Arc	1956	Yell Sevier Boone Chicot Prairie	1 35 13 4 34 02 7 36 23 2 33 31 7 34 58	94 21 93 18 91 26	420 1028 140	5P	7A Gretchen Goodier 7A O. Tucker Vnsser ID Clarence E. Collins 8A L. W. Wilson 7A C. J. Rister	2 3 5 2 3 5 7 3 C	Smithville Sparkman 4 E Stamps Star City 2 S Steve	6768 6804 6820	Lnwrence Dallas Lafnyette Lincoln Yell		7 36 05 3 33 55 4 33 22 3 33 54 1 34 53	92 48 93 30 91 51	450 260 270 392 682		MID A. R. Richardson 7A Mrs. Rachel Butler 7A Hubert Baker 7A Ark, Forestry Comm 7A T. P. Slms	3 3 3 3
Devils Knob 1 Dumas 1 Dumas 2 Durham Eagle Gap	2148 2150 2176	Johnson Desha Desba Washington Scott	1 35 43 2 33 53 2 33 53 7 35 57 1 34 43	91 30	165 1243 1150	7P	7A Enrnest C. Campbell 7P Ben Johnson ID Ark. Pwr & Lgt Co. ID Goldie E. Brlnk 7A Maxine M. Hooper	2 3 5 7 C	Stuttgart Stuttgart 9 ESE Subiaco Sugar Grove Taylor	6920 6928 6940	Arknosas Arkansas Logan Logan Columbia		1 34 29 7 34 28 1 35 18 1 35 04 4 33 06	91 25 93 39 93 48	214 198 500 500 247	6P 7A SS	7A George L. Clark 7A Univ. of Arkansas 7A New Sublace Abbey 9A O. R. Fennell 7A Idella O. Norwood	2 3 5 2 3 5 6 C 2 3 5 3
El Dorado CAA AP Eureko Springs Evening Shade Fayetteville Foyetteville CAA AP	2356 2366 2442	Union Carroll Sharp Washington Washington	3 33 13 7 36 24 • 7 36 05 1 36 05 7 36 00	93 44	1370	MID OF	IID U.S. Civil Aero Adm 7A Mabel F. Spray 7A Opha Wolfe 7P Cbarles F. Ford ID U.S. Civil Aero Adm	2 3 5 7 2 3 5 7 C 3 2 3 5 2 3 5 2 3 5	Texarkann WB Airport Turnpike Waldron Wnlnut Grove Walnut Ridge CAA AP	7262 7488 7524	Miller Pope Scott Independence Lawrence		4 33 27 1 35 40 1 34 54 7 35 51 7 36 08	93 05 94 06 91 21	2087 675 250	6P 5P	MID U.S. Weather Bureau 6P U.S. Forest Service 5P William D. Bivens 6P A. H. Fast MID U.S. Civil Aero Adm	2 3 5 7
Payetteville Exp. Sta. Fllppin CAA AP Fordyce 6 W Foreman Forester 4 WNW	2528 2540 2544	Washington Marion Dallas Little River Scott	7 36 06 7 36 18 3 33 49 4 33 43 1 34 47	92 36 92 31 94 24	700 280 400	SP I	5P Univ. of Arkansas ID U.S. Civil Aero Adm 5P John Yeager ID Leslle P. Callens 7A CLOSED	2 3 5 7 2 3 5 2 3 5 2 3 5 C 4/12/56	Warren Washita West Fork Wheeling White Rock	7592 7694 7744	Bradley Montgomery Washington Fulton Franklin		3 33 36 3 34 38 7 35 55 7 36 19 1 35 41	92 04 93 32 94 11 91 52 93 57	206 610 1340 680 2285		6P Charley L. Sbarp 7A Nora Lee Mayberry MID Effle D. Little MID Thomas W. Cone 7A U.S.Forest Service	2 3 5 3 2 3 5
Forrest City Fort Smith WB Airport Fort Smith Water Plant Fountain Hill Fulton	2574 2578 2598	St. Francis Sebastian Crawford Ashley Rempstead	1 35 20	94 22 94 09 91 50	458 793 175	MID I	ID Thomas A. Moore ID U.S. Weather Bureau 7A R. J. Schoeppe 6P Jethro R. Denson 8A Ina J. Logan	2 3 5 7 C 2 3 5 3 3	Whitecliffs Wilson Winfrey Wing Wyone	7912 7936 7950	Sevler Mississippi Crawford Yell Cross		2 35 34	94 04 90 02 94 06 93 28 90 46	237 1152 350		7A L. M. Snead 7A D. O. Anderson MID Clyde F. Meadors MID Miles B. Turner SS Wm. M. Courtney	3 2 3 5 2 3 5
Georgetown Gilbert Glenwood Grannls Gravelly	2794 2842	White Searcy Pike Polk Yell	7 35 07 7 35 59 3 34 20 4 34 14 1 34 53	92 43 93 33 94 20	595 547 920	6P SS	7A Bessie E. Akers 7A C. Ell Jordan 7A Myrtle 1. Price 7A George T. McVay 7A Willie Pendergrass	3 2 3 5 7 C 3 2 3 5	Yellville	8084	Marion		7 36 13		760		7A Glenn R. Nesbit	3
Gravette Green Forest Green Mountain Greenbrier Greenwood	2946 2952 2962	Benton Carroll Stone Faulkner Sebastian	7 36 20 7 36 02	92 23	100 360		SS Elson B. Schmidt 7A Obed B. Wilson 7A U.S. Forest Service 8A Thomas E. Cantrell 7A Dorothy M. Been	2 3 5 7 3 2 3 5 3 3	% Parks	5591	Scott		1 34 48	93 57	668		7A Bomar K. Hansard	3
Gurdon 3 E Hampton Hardy Harrison Heber Springs 3 NE	3098 3132 3164	Clark Calboun Sharp Boone Cleburne	3 33 54 3 33 32 7 36 19 7 36 14 7 35 32	93 07	1150	6P	7A Roy S. Robbs 8A Soil Cons. Service 1D Theresa Donaldson 6P Bea Gray Beene 7A Lester B. Logan	3 3 2 3 5										
Heher Springs 3 SW Hector Helena Renderson 2 W Hope 3 NE	3235 3242 3258	Clehurne Pope Pbllllps Baxter Bempstead	7 36 22	92 58	555 200 580	6P	IID Wayne Stark 7A Irene B. Timko 7A Cbarley M. Friddell 7P Lucy A. Bentzien 7A Cecil M. Blttle	2 3 5 6 C										
Bopper Boratlo Not Springs 1 NNE Huntswille Buttig Dam	3442 3466 3540	Montomgery Sevler Garland Madison Union	3 34 31 7 36 05	93 41 6 94 22 1 93 03 5 93 44 2 92 05	630 1453	5p	7A Long A. Sbields 6A Elizabeth W. Frlda 5P Natl Park Service MID May Pearl Markley BA Corps of Englacers											
lndex Jasper Jessleville Jonesboro Keo	3584 3600 3704 3734	Little River Newton Garland Craigbead Lonoke	4 33 35 7 36 01 3 34 42 7 35 50	94 03 1 93 11 2 93 04 0 90 42 6 92 00	300 857 730 345	6P 7P	8A W. E. McDowell 7A Lottie B. Davis 7A Mrs. Velma M. Dunn 7A Benedictine Sister: 7P R. A. Waller	3 3 3										
Kingsland 3 SSE Lake Clty Lamar 2 Sw Langley Lead Hill	3904 3998 4019 4060	Cleveland Craighead Johnson Pike Boone	3 33 50 5 35 43 1 35 26 3 34 19		214 230 550		MID Claude W. Bunter 7A Tressa St. Clair MID Peach Exp. Station 7A Mabel F. Forrester 7P F. W. Kellogg	з с										
Lee Creek Guard Sta. Leola #Little Rock WB Airport Little Rock Filt, Pl. Lost Corner	4116 4134 4248 4250	Crawford Grant Pulaski Pulaski Pope	1 35 42 3 34 10 1 34 44 1 34 46	94 19	1000 261 257 512	MID	7A U.S. Forest Service 7A J.R. Rhodes #ID U.S. Weather Buren #ID L.R. Water Works 7A Catherlne Russell		% Continuation of Fore	ster	6 WNW record.							

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables; but for which data are not listed, are either missing or received too late to be included in this issue,

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in `F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6,

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local warlability in the snowpack result in apparent inconsistencies in the record.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

Additional information regarding the climate of Arkansas may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Afroort Station, Box 1819, Little Rock, Arkansas.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 Data based on observational day ending before noon.

 Adjusted to a full month.

 Data for recorded stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 incb water equivalent to every 10 inches of new snowfall.

 One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station have been adjusted to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

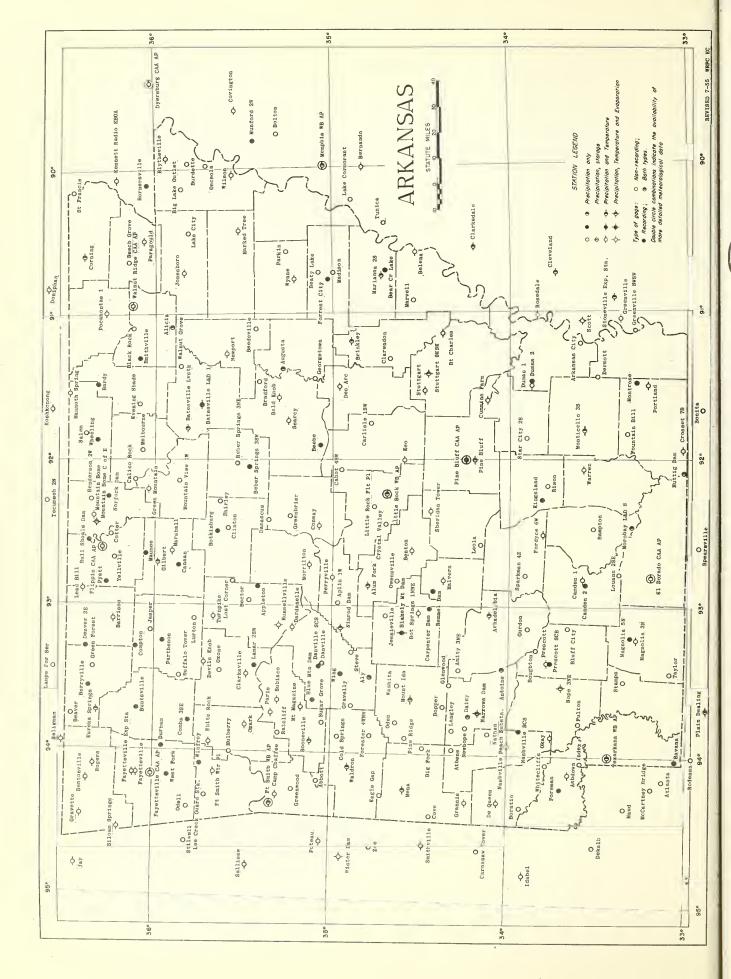
 Trace, an amount too small to measure.

 Includes total for previous month.

 This entry in time of observation column in Station Index means observation made near sunset.
- R

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CLIMATOLOGICAL DATA

ARKANSAS

JUNE 1956 Volume LXI No. 6



ARKANSAS - JUNE 1956

WEATHER SUMMARY

June averaged about seasonal with respect to temperature and rainfall. The showers delayed some field activities but the weather was quite favorable for crop progress and prospects continued promising in all areas.

The first few days of June were cool and comfortable. A few stations registered their lowest temperatures for the month on the 1st or 3d but most stations registered their lowest minimums on the 2d. Monthly minimums ranged, in general, from the lower 40's over the northwest to the lower 50's over southern Arkansas. The coldest temperature for the State, 41°, occurred at Eureka Springs on the 1st and at Fayetteville and Fort Smith Water Plant on the 2d. Temperatures warmed near the end of the first week and remained slightly above seasonal until the 12th. Maximums during that period were near or slightly above 90°. The period 13th to 15th was cooler than seasonal with maximums mostly in the 70's and 80's. Warm weather prevailed from the 19th to 27th. Most stations registered their highest temperatures for the month during that period. Monthly maximum temperatures ranged, in general, from the lower 90's over the northwest to the upper 90's over other parts of the State. Only a few stations registered 100° or higher. The highest temperature for the month, 103°, occurred at Monticello 3 S on the 25th. The lowest monthly maximums, 87°, occurred at Mt. Magazine on the 22d and 30th, and at White Rock on the 22d and 24th, and 88° at Devils Knob on the 22d and 24th and Turnpike on the 22d. The 28th and 29th were cool but the weather turned slightly warmer or the last day of the month. Monthly mean temperatures ranged from 71.0° at Turnpike to 79.7° at Okay. Monthly mean temperatures were slightly higher than the long-term means at several stations from Grannis and Okay northeastward to Perryville and at Stuttgart but were below the long-term means over other parts of the State. The largest negative departures were over the extreme northwest and the extreme southeast. Monthly temperature departures ranged from +1.1° at Perryville to -2.9° at Portland.

Little significant precipitation occurred over parts of Arkansas during the first eleven days of June. Some northwestern localities received some generous showers on one or more of these days. Fort Smith received 1.02 inches on the 3d, 0.55 inch on the 5th, a trace on the 6th, and 0.43 on the 7th. Showers fell over many parts of the State from the 12th to 16th. The daily amounts at Little Rock during the five-day period were 0.60 inch, 0.62 inch, 1.20 inches, 0.03 inch, and a trace. Fair weather prevailed from the 17th to 21st. Scattered showers from the 22d to 29th ranged from light to locally heavy. Calico Rock received 5.56 inches on the 25th and 26th. Evening Shade received 4.77 inches from the evening of the 24th to the morning of the 26th. Green Forest received 3.97 inches on the 25th and 26th. Melbourne received 4.16 inches during the 48-hour period ending at 7:00 a.m. on the 26th. The 30th was mostly fair. Monthly totals ranged from 1.38 inches inches at DeQueen to 8.63 inches at Calico Rock and Green Forest. In general, precipitation averaged somewhat more over northwestern Arkansas than in the southern and eastern parts of the State. Many northern counties and several scattered southern stations received precipitation amounts which exceeded their long-term means but most stations over the southern three-fourths of the State received less than their long-term means. At the other extreme, Calico Rock and Wilson received more than twice the long-term means for those stations.

cotton, rice, and soybeans continued to make good progress during the month. The fields were clean and in a good state of cultivation. Prospects were promising. Rains delayed the harvest of small grains in some counties but the harvest was completed in others. The showers benefited the feed crops which made excellent growth. Early corn was in the silking and tasseling to roasting ear stage. In some localities it was the best in years. Late corn grew rapidly. Sorghums made excellent growth in all areas. The rains delayed having operations and reduced the quality of the cured hay in the north. Growth of late hay was excellent. Peaches and apples moved to market in volume and grape prospects continued promising except in the Tontitown area where hail and high winds caused extensive damage to the vineyards. Other fruits and vegetables were good to excellent and were being harvested for both the fresh market and for processing. Pastures were excellent and furnished abundant grazing. Beef cattle made good gains and milk production was holding up well. Farm labor was adequate with a few exceptions.

STORMS

Wind, hail, and lightning associated with thunderstorms caused considerable damage on a number of days in June. A youth was killed by lightning in the Blevins community on the afternoon of the 3d. Wind damaged trees, and buildings in the Tillar vicinity on the evening of the 10th. On the 11th wind damaged buildings and hail damaged cotton in the Toledo area. On the afternoon of the 12th, two persons were killed and another injured by lightning in the Leachville vicinity. Lightning and strong winds damaged trees and buildings in the Russellville vicinity on the afternoon of the 23d. Lightning destroyed a church in Jonesboro on the evening of the 25th. Wind, and hail caused considerable damage to buildings, trees, boats, power lines, and vineyards in central Arkansas on the 26th and 27th. For more details concerning the storms over Arkansas during June, the reader is referred to Climatological Data, National Summary.

Lucius W. Dye Weather Records Processing Center Kansas City, Missouri

SUPPLEMENTAL DATA

ARKAN III

	Wind	direction		Wind	speed p. h.		Relati	ve hum	idity ave			Numb	er of d	ays with	n precip	itation			1
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:3 to 13	6:3 A -ST	12:0 -51	6:30P CST	Trace	60:-10:	10-49	8099	1 00-1 99	2.00 and over	Total	Percent of possible sunshine	Average sky cover
FORT SMITH W8 AIRPORT	ENE	25	7.4	28	NE	27	86	90	59	61	4	1	5	2	1		13	70	.1
LITTLE ROCK WB AIRPORT	SSW	13	8.8	52	WNW	26	81	83	54	00	3	3	0	3	2		11	6.8	5.2
TEXARKANA WB AIRPORT	-	-	-	-	-	-	-	89	-	-	1	4	ε				11	-	-

CLIMATOLOGICAL DATA

TABLE 2

			Ten	perature							P	recipi	tation				
							No. of	Days			>		Snow	, Slee	et	No.	of Day
Station	Average	Average Minimum Average	Departure from Long- Term Mean	Highest Date	Lowest	Date	Degree Days 90° or Above x N 912° or N 912° or	Below Below Below	Total	Departure from Long- Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	JO or More	.50 or More
HIGHLAND OIVISION																	
ALUM FORK ASHOOWN SENTON SON AS CLARKSVILLE CONWAY DAROANELLE SE QUEEN SEVILS KNOB SUREKA SPRINGS FAYETIEVILLE FAYE	97.3 86.8 84.7 85.7 85.7 85.6 82.9 91.1 77.1 91.1 77.1 63.8 64.2 83.6 83.6 86.4 86.0 87.2 87.1 86.4 86.0 87.2 87.1 86.3 86.4 86.5 87.1 86.5 86.1 86.7 86.7 86.7 86.7 86.8 86.1 87.7 86.1 87.7 86.2 87.7 87.7 86.1 86.8 86.8 86.8 86.8 86.8 86.8 86.8	60.6M 76.51 60.2 78.8 60.4 75.9 61.1 72.9 66.3 77.6 65.3 77.0 67.1 77.0 68.0 77.0 68.0 77.1 68.0 78.2 65.0 77.1	- 0.5 - 1.2 - 1.4 - 1.4 - 0.0 - 1.3 - 1.0 - 0.7 - 0.3 - 1.9 - 0.3 - 1.9 - 0.3	98 25 100 27 95 8 95 23 97 26 99 23 97 26 98 22 97 22 91 22 92 27 91 23 94 24 98 27 98 27 98 27 98 27 98 27 98 27 99 26 97 24 98 27 97 27 99 26 97 24 98 27 97 27 99 26 97 24 98 27 97 27 99 26 97 24 98 27 97 27 99 26 97 24 98 27 97 27 99 26 97 27 97 27	44 42 50 48 43 49 46 45	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 18 0 0 22 0 0 17 8 0 16 15 0 16 0 14 12 0 14 15 0 15 16 0 16 0 16 0 16 0 16 0 16 0 1		5.37 5.39 5.39 2.47 4.16 1.38 2.47 4.16 5.58 5.47 6.03 3.55 4.81 7.99 3.55 4.81 7.99 3.55 3.95 3.95 3.95 3.95 3.95 3.95 4.81 3.93 4.93 6.03 3.93 6.03 3.93 6.03 3.93 6.03 3.93 6.03 3.93 6.03 3.93 6.03 3.93 6.03 6.03 6.03 6.03 6.03 6.03 6.03 6.0	0.06 0.17 - 1.51 0.77 - 2.63 - 0.07 0.76 - 0.36 - 0.11 - 3.31 - 0.77 3.58 2.60 - 2.30 1.05 - 1.09 - 3.59 - 1.59 - 1.79 1.95	1.85 1.95 1.23 0.87 0.75 1.59 0.98 0.68 1.08 1.08 1.08 1.08 1.08 1.08 1.08 1.0	28 28 26 24 28 14 28 17 13 16 27 16 27 28 16 27 28 16 27 28 28 28 28 28 28 28 28 28 28 28 28 28				5 3 8 11 10 7 7 5 7 4 11 10 6 8 8 7 8 8 8 5 5 7 6 7 6 7 7 6 7 6 7 7 6 7 7 6 7 7 7 6 7 7 7 8 7 7 7 8 7 7 7 7	4555432314 3411532
NARROWS OAM AM AM NASHVILLE PEACH SUBSTA AM OKAY OZARK PARIS PERRYVILLE ROGERS RUSSELLVILLE SHERIOAN TOWER SILOAM SPRINGS AM SUBJACO TEXARKANA WB AP TURNPIKE WALORON WHITE ROCK	87.6 88.9M 91.0 88.3 90.6M 8y.3 81.2 88.8 88.7M 83.5 88.4 88.8 79.2	63.7 76.7 76.6 68.3 79.7 76.6 63.7 76.6 63.7 76.6 63.7 76.6 63.7 76.6 63.7 76.6 63.7 76.6 63.7 76.6 63.7 76.6 63.7 76.6 63.7 76.6 63.7 76.6 63.7 76.6 63.7 76.6 63.7 76.6 63.7 76.8 63.0 76.8 63.6 76.8 63.2 71.1	10.4 - 10.4 - 10.4 - 0.3 - 10.4 - 0.7	100 28 27 100 27 27 28 26 29 23 29 20 20 20 20 20 20 20	463 457 477 466 484 447 466 444 50	2 2 + 2 2 2 2 2 2 2 2 2 2 2 2 1 +	4 15 0 0 4 17 0 0 0 21 6 0 0 4 18 0 0 0 19 0 0 19 0 0 19 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0		1 • 94 2 • 82 3 • 15 3 • 45 4 • 18 3 • 15 5 • 17 6 • 42 3 • 05 4 • 34 3 • 15 3 • 6 7 3 • 81 6 • 73	0.18 - 0.94 - 1.75 0.27 2.19 - 0.99 - 0.18 - 1.11 - 1.66	0.39 0.39 1.05 2.36 1.54 1.51 1.14 1.02 2.97 1.22 0.78 2.12 1.18 1.24 7.09	28 15 28 28 23 28 25 23 6 16 28 14 27	0.0			7 7 5 5 8 8 6 6 10 6 6 5 5 1 3	0 3 1 2 2 3 5 3 1 3 1
OELTA OIVISION ARKAOELPHIA BALO KNOB BATESVILLE LIVESTOCK AM	87.2	66.3 77.8 64.3 75.7 60.4 73.8		96 8 96 23 96 25 96 24		2 2 2	0 18 0 8 13 0 13 14 0 8 17 C	0 0	2 • 3 5	- 0.09	1.45 0.85 1.48	14	0.0	0 0 0		6 5 6 4	2
BATESVILLE L ANO 0 NO 1 BLYTHEVILLE BRINKLEY CAMOEN 1 AM CORNING AM CROSSETT 7 S CUMMINS FARM 0ES ARC AM 0ES ARC AM 0UMAS 1 EL OORAGO CAA AP FOROYCE 6 W HELENA	88.8M 88.8 87.3 88.3 88.2 88.2 90.2 88.3	63.2 75.5 65.0M 76.5 66.9 77.5 63.6 77.5 65.8 77.7 65.9 77.7 62.6 75.3 68.0 78.2	M = 1.0 - 0.6 - 0.9 - 1.6	95 25 99 28 95 22 97 27 95 8 96 24 99 26 96 76	49 50 46 47 49 46 48 51	3+2232+223	1 0 0 17 0 12 16 0 6 15 0 3 16 0 4 15 0 0 12 17 T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.30 2.15 4.42 1.92 2.44 3.71 2.73 2.32	- 1.43 - 1.97 0.45 - 2.15	0.90 0.63 1.25 0.40 1.15 1.30 1.43	13 28 13 14 14 14 14 14 15	0.0 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000		8 6 3 5 4 5 7	3 2 5 5 0 2 3 1 3

KEO MAGNOLIA 3 N MAGNOLIA 3 N MARIANNA 2 S 87.9 65.4 76.7 -1.9 97 23 48 3 4 16 0 0 0 2.62 -0.85 0.93 14 0.0 0 MARKEO TREE 88.2 65.8M 77.0M -1.0 95 22+ 316 0 0 0 3.49 0.05 1.18 26 0.0 0 NEWPORT 90.3 63.9 77.1 -1.0 99 24 49 2 2 18 0 0 0 5.25 1.46 3.03 26 0.0 0 NEWPORT 87.7 63.6 75.7 96 24 49 2 2 20 0 0 0 5.25 1.46 3.03 26 0.0 0 NEWPORT 88.7 68.7 79.2 -0.1 97 8+ 52 2 0 18 0 0 0 4.28 0.55 2.66 16 0.0 0 PINE BLUFF CAA AP POCAHONTAS 1 88.0 66.4 76.8 -2.9 96 28 52 3 0 14 0 0 0 3.29 -0.31 1.75 14 0.0 0 PORTLAND AM 87.2 66.4 76.8 -2.9 96 28 52 3 0 14 0 0 0 2.85 -0.31 1.75 14 0.0 0 PORTLAND AM 88.1 65.5 76.8 -2.9 96 28 52 3 0 14 0 0 0 5.90 2.18 2.0 0.5 0 SAINT CHARLES AM 87.9 66.7 77.2 -0.4 98 23 50 2 3 18 0 0 0 5.90 2.18 2.00 15 0.0 0 SEARCY 88.6 66.7 77.2 -0.4 98 23 50 2 3 18 0 0 0 5.90 2.18 2.00 15 0.0 0 STUTIGART 88.6 66.7 77.2 -0.4 98 23 50 2 3 18 0 0 0 3.50 -0.48 1.0714 0.0 0 STUTIGART 88.6 66.7 77.2 -0.4 98 23 50 2 3 18 0 0 0 3.50 -0.48 1.0714 0.0 0 STUTIGART 88.6 66.7 77.2 -0.4 98 23 50 2 3 18 0 0 0 3.50 -0.48 1.0714 0.0 0 STUTIGART 88.6 66.7 77.2 -0.4 98 23 50 2 3 18 0 0 0 5.48 1.0714 0.0 0 SWARREN 88.6 66.7 77.8 -1.0 96 9 52 2 1 14 0 0 0 0 5.48 1.0714 0.0 0 SWARREN 88.6 66.7 77.2 -0.4 98 23 50 2 3 18 0 0 0 5.48 1.0714 0.0 0 SWARREN 88.6 66.7 77.8 -1.0 96 9 52 2 1 14 0 0 0 0 5.48 1.0714 0.0 0 SWARREN 88.6 66.7 77.2 -0.4 98 23 50 2 3 18 0 0 0 5.48 1.0714 0.0 0 SWARREN 88.6 66.7 77.8 -1.0 96 9 52 2 1 14 0 0 0 0 5.48 1.0714 0.0 0 SWARREN 88.6 66.7 77.8 -1.0 96 9 52 2 1 14 0 0 0 0 5.48 1.0714 0.0 0 SWARREN 88.6 66.7 77.8 -1.0 96 9 52 2 1 14 0 0 0 0 5.48 1.0714 0.0 0 SWARREN 88.6 66.7 77.8 -1.0 96 9 52 2 1 14 0 0 0 0 5.48 1.0714 0.0 0 SWARREN 88.6 66.7 77.8 -1.0 96 9 52 2 1 14 0 0 0 0 5.48 1.0714 0.0 0 SWARREN 88.6 66.7 77.8 -1.0 96 9 52 2 1 14 0 0 0 0 5.48 1.0714 0.0 0 SWARREN 89.7 66.3 77.8 -1.1 97.8 +50 2 0 0 0 0 5.48 1.0714 0.0 0						Ten	npera	ture										P	recip	itation					
Second S											78	N	o. of	Days			. d	13		Snow		et	No.	of I	Days
KEO 88.0 65.7 76.9 95 8+ 49 2 2 215 0 0 0 3.41 1.51 14 0.0 0 0 MAGNOLIA 3 N MARIANNA 2 S 87.9 65.4 76.7 -1.9 97 23 48 3 4 16 0 0 0 2.62 -0.85 0.93 14 0.0 0 0 MARKEO TREE 88.2 65.8M 77.0M - 1.0 95 22+ 316 0 0 0 3.49 0.05 1.18 26 0.0 0 0 NEWPORT 90.3 63.9 77.1 -1.0 95 22+ 49 2 2 18 0 0 0 0 5.25 1.46 3.03 26 0.0 0 NEWPORT 90.3 63.9 77.1 -1.0 99 24 4.9 2 2 20 0 0 0 5.25 1.46 3.03 26 0.0 0 NEWPORT 90.3 63.9 77.1 -1.0 99 24 4.9 2 2 20 0 0 0 0 5.25 1.46 3.03 26 0.0 0 NEWPORT 90.3 63.9 77.1 -1.0 99 24 4.9 2 2 20 0 0 0 0 5.25 1.46 3.03 26 0.0 0 NEWPORT 90.3 63.9 77.1 -1.0 99 24 4.9 2 2 2.0 0 0 0 0 5.25 1.46 3.03 26 0.0 0 NEWPORT 90.3 63.9 77.1 -1.0 99 24 4.9 2 2 2.0 0 0 0 0 5.25 1.46 3.03 26 0.0 0 NEWPORT 90.3 63.9 77.1 -1.0 99 24 4.9 2 2 2.0 0 0 0 0 5.25 1.46 3.03 26 0.0 0 NEWPORT 90.4 66.7 75.7 96 24 46 2 9 14 0 0 0 0 3.20 -0.30 1.09 14 0.0 0 NEWPORT 90.4 66.3 77.5 96 264 49 3 3 317 0 0 0 1.96 NEWPORT 90.4 66.3 77.5 96 264 49 3 3 317 0 0 0 1.96 NEWPORT 90.4 66.4 76.8 -2.9 96 28 52 3 0 14 0 0 0 2.85 -0.31 1.75 14 0.0 0 NEWPORT 90.4 66.4 76.8 -2.9 96 28 52 3 0 14 0 0 0 0 2.85 -0.31 1.75 14 0.0 0 NEWPORT 90.4 66.4 76.8 -2.9 96 28 52 3 0 14 0 0 0 0 2.85 -0.31 1.75 14 0.0 0 NEWPORT 90.4 66.4 76.8 -2.9 96 28 52 3 0 14 0 0 0 0 2.85 -0.31 1.75 14 0.0 0 NEWPORT 90.4 66.4 76.8 -2.9 96 28 52 3 0 14 0 0 0 0 3.50 -0.48 1.07 14 0.0 0 NEWPORT 90.4 66.4 76.8 -2.9 96 28 52 3 0 14 0 0 0 0 3.50 -0.48 1.07 14 0.0 0 NEWPORT 90.4 66.4 76.8 -2.9 96 28 52 3 0 18 0 0 0 3.50 -0.48 1.07 14 0.0 0 NEWPORT 90.4 66.4 76.8 -2.4 99 27 51 2 5 19 0 0 0 5.90 2.18 2.00 15 0.0 0 NEWPORT 90.4 66.4 76.7 77.2 -0.4 98 23 50 2 3 18 0 0 0 3.50 -0.48 1.07 14 0.0 0 NEWPORT 90.4 66.4 76.7 77.2 -0.4 98 23 50 2 3 18 0 0 0 5.48 1.55 14 0.0 0 NEWPORT 90.4 66.4 76.7 77.2 -0.4 98 23 50 2 3 18 0 0 0 5.48 1.07 14 0.0 0 NEWPORT 90.4 66.4 76.7 77.2 -0.4 98 23 50 2 3 18 0 0 0 5.48 1.07 14 0.0 0 NEWPORT 90.4 66.4 76.7 77.2 -0.4 98 23 50 2 3 18 0 0 0 5.48 1.07 14 0.0 0 NEWPORT 90.4 66.4 76.7 77.2 -0.4 98 23 50 2 3 18 0 0 0 5.48 1.07 14 0.0 0 NEWPORT	Station		Average Maximum	Average Minimum	Åverage	Departure from Long Term Mean	Highest	Date	Lowest	Date	A	<u> </u>	-	_	\dashv	Total	Departure from Long Term Mear	A	Date	Total	Max. Depth on Ground	Date	10 or More	.50 or More	1.00 or More
MARKEO TREE 88.2 65.4 77.0 - 1.9 97 23 48 3 4 16 0 0 0 2.62 - 0.85 0.93 14 0.0 0 0 0 MARKEO TREE 88.2 65.8 77.0 - 1.9 97 23 48 3 4 16 0 0 0 2.62 - 0.85 0.93 14 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EO					- 0 - 4											0 • 74						7 5	3	2
SEARCY 88.6 65.7 77.2 - 0.4 98 23 50 2 318 0 0 0 3.50 - 0.48 1.0714 0.0 0 5TUTIGART 9 ESE AM 87.0 66.4 76.7 - 1.0 96 9 52 2+ 114 0 0 0 3.09 - 0.19 1.13 14 0.0 0 WALNUT RIDGE CAA AP 86.7 65.7 76.2 95 24 49 2 6 13 0 0 5.48 1.53 14 0.0 0 0 WARREN 89.6 67.0 78.3 - 1.1 97.8 + 50 2 0 19 0 0 0 3.41 - 0.27 1.53 15 0.0 0	VARIANNA 2 S VARKEO TREE VONTICELLO 3 S VEWPORT PARAGOULD PINE BLUFF PINE BLUFF POCAHONTAS 1 PORTLAND PRESCOTT	AM	88.2 89.4 90.3 87.7 89.7 88.7 88.0 87.2 88.1	65.8M 66.7 63.9 63.6 68.7 66.3 64.7M 66.4	77.0M 78.1 77.1 75.7 79.2 77.5 76.4M 76.8	- 1.0 - 1.0 - 0.1 - 0.4 - 2.9	95 103 99 96 97 96 97 96 97	22+ 25 24 24 8+ 26+ 22+ 28 27	49 46 52 49 48 52	2 2 2 3 2 3 2	3 2 2 9 0 3 4 0 5	16 18 20 14 18 17 15 14	00000000	000000000	000000000	3.49 2.19 5.25 3.20 4.28 1.96 3.29 2.85 5.90	0.05 1.46 - 0.30 0.55 - 0.81 - 0.31	1.18 1.23 3.03 1.09 2.66 0.79 1.03 1.75 2.00	26 14 26 14 16 13 26 14 15	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0000000		7 7 4 5 6 4 4 4 9	1 2 2 2 2 3 2 4	0 1 1 2 1 2 0 2
WILSON 88.4M 65.1 76.8M - 0.6 95 23+ 54 1+ 1 17 0 0 0 7.02 4.14 2.35 26 0.0 0 WYNNE 87.4M 64.6M 76.0M - 1.7 95 24 46 2 10 0 0 2.97 - 0.71 1.46 14 0.0 0	SEARCY STUTTGART STUTTGART 9 ESE WALNUT RIOGE CAA AP WARREN VILSON		88.6 89.0 87.0 86.7 89.6 88.4M	65.7 68.2 66.4 65.7 67.0 65.1	77.2 73.6 76.7 76.2 78.3 76.8M	0.5 - 1.0 - 1.1 - 0.6	98 97 96 95 97 95	23 26 9 24 8+ 23+	50 52 52 49	2 2+ 2 2 1+	3 0 1 6 0	18 18 14 13	0000	00000	000000	3.50 5.36 3.09 5.48 3.41 7.02	1.55 - 0.19 - 0.27 4.14	1.07 2.00 1.13 1.53 1.53 2.35	14 16 14 14 15 26	0.0 0.0 0.0 0.0	0 0 0 0		9 7 5 9 5 6	1 2 3 2 4 3 5	1 2 1 2 1 4 1

Table 3	-																														E 19
Station	Total	1 2	3	4	5 . 6	5 1	,	8 9		10 1				y of m		16	177	10	10		01	00	00	0.4	0.5	00	0.5				
ABBOTT	1.79	1 1 4	3	.10		08			10	10 1	.1 1	12 T	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALICIA ALUM FORK ALY AMITY 3 NE	3.32 4.75 1.59 2.06	• 11	• 0 4	.16	1	r 1		τ				T T	+17 T	. 40	0.4	.18 .40	*12 T	•10		T	т					1.2.	. J2	1.85	 .19		
ANTOINE APLIN 1 # ARKADELPHIA ARKANSAS CITY ASHDOWN	2.74 1.88 4.40 3.07 4.18	.03	. 08	.02				.07	1		35		*10 *12 *50 *15 *06	T 1.35 1.82	+15	+39 +19 +40	*~ 7	Ŧ								• 18 • 35	. 0	1.75	* 2 T		
ATMENS AUGUSTA BALD KNOB BATESVILLE LIVESTOCK BATESVILLE L AND D NO 1	2.15 3.08 2.35 3.59 3.82	.35		. 07 f	1		01					т	•31 •05 •28 •03	.90 .7 .85		+32 +10 +16 +13 +19	T .13							• "	T 1 1 ***	.97 .74 .59 2.69	•13		Т	.)	
BEATY LAKE BEAVER 1 SE BEECH GROVE BEEDEVILLE BENTON	2.44 5.25 4.34 1.98 4.50	• >6	Ť	.04		17 4	95						•28 7 •35	.46 .10 .62 .59	.05 .14 .71	+92 +58 +09 +93 +33	.27	+01	.43				• 5 1		.) 5	.46 1.31 .94	.54	•04	Ŧ		
BENTONVILLE BERRYVILLE 4 NW BIG FORK BIG LAKE OUTLET BLACK ROCK	5.37 6.28 3.78 2.72 4.96	.80	Ť	.50 .04 .27		59 .	63	T •06 •14	i				•10 •36 •18	•21 •24 •73	.0 ' .21	•74 •63	.15 1.75		Ŧ				.56 .59	• 0 1	1.02	.87 .70	.28	. 1.			
BLAKELY MOUNTAIN OAM BLUFF CITY BLYTHEVILLE BOOMEVILLE BOUGHTON	1 · 8 · 8 · 3 · 3 · 5 · 4 · 3 · 3 · 5 · 4	.03	-	.10 .11 - .32		.07 1		- <u>-</u>				1	.72 -15	•22 •53 •	3.40 -36 1.68	.67	-	-		-	-	-	-	- • 75		. 11	.Jo	-	· · ·		
BRADFORD BRINKLEY BUFFALO TOWER BURDETTE CABOT 4 SW	2.76 2.30 4.85 4.34 4.12	• 5 5	T • 2 5	T	•10	T	09					•17 •15	. 90 . 28	.70 .55 .51 1.72	+09 T +52 +14	.50 T				.31			•5 *	.1.	.10	.73 .55 .15 1.06	. 74	1 + 4	7	T	
CALICO ROCK CAMDEN 1 CAMP CHAFFEE CARLISLE 1 5 W CLARENDON	8.63 2.15 5.39 4.46	.02	.14	7 .79		58 T	16	• 42				1	1 +42 +14 +00	.45 .20 .76	1.04	1.11	.15	1.50					.30			1.66		**************************************			
CLARKSVILLE CLINTON COLD SPRINGS CONWAY CORNING	2.79 3.35 4.15 1.63 2.47 4.42		• 25	T .20			22	.05				•06	.06 T	. 6h	. 47 . 70 . 40 . 35	*12 *24 T	T .57	.02		•11.	.08		.25	• 4.5	•17 •02 •24	.0 1.43 .05 .32	• 05 • 24 • 15	.98			
COTTER COVE CROSSETT 7 S CRYSTAL VALLEY	5.26 2.10 1.92 5.35	т		•13		05 t	20					• 2 s • 8 9	+30	+23 +33 +40 1+63	•54 •51 •21 •36 •20	.24	• • 7 T	.16	т				.55		2.00	.76	.05	.25	. 75		
CUMMINS FARM DAISY DAMASCUS DANVILLE DARDANELLE	2.44 2.36 5.12 3.14 4.16		т	•18 •18 •32	τ		04		15			1	.34 T T	1.00 .67 .36	•19 •80	1.01 .14 .18 .01					+			•3° •35 1•08		1.51 .60 .98	• 7 • 5 1	•14 •63 •30 •29			
DE QUEEN DERMOTT DES ARC DEVILS KNOB DUMAS 1	2.36 3.71 3.72 2.73	.04	•06	.07 T		34 .	13	. 20			24		• 35 • 73	*16 1.09 1.30 *22 1.43	• 47 ¹ • 07 • 56 ¹ • 47	•10 •33 ••5 •03	*11 T *52						. 35		.18	1.34	• 24	T . 3 .	T T	т	
EAGLE GAP EL OORADO CAA AP EUREKA SPRINGS EVENING SHADE FAYETTEVILLE	2.32 5.58 7.8: 5.4	-	•01 7	•01			86					. 34	-21 -65 -98	.67	+69 +24 +43 +02	.72 .79 1.44	.98 T	Ť	-	• 22		.27	.45		3.71	1.34		- 15 T T +90	-	-	
FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP FORDYCE 6 W FORT SMITH WB AP R//	5.43 6.03		.48 .25 T	~	.47 .	39 .	16 11 04 48					.25 T .11	.06 T T	.51 .63	.19 .09 T	+17	~	-	-	_	٠,	+D4 +23	. '1 . 07 . 02	<u>T</u>	.59 .62 3.70	T -	1.50 .53 .99	.14 .98	-	-	
FT SMITH WATER PLANT FOUNTAIN HILL FULTON SECRETCEN SILBERT	3.99 - 4.21 2.67 3.55	- 18	-	.58 .27 T		-	34	- T				T - T	- •10 •02 T	.44 - .24 1.23 .49	+49 +27 +44	* 1 /	- 13	- 1	•20 T	-	- }	-	- 48	- 06	.68	- •68 •86	- t •19	.70	-17	-	1
GLENWOOD GRANNIS GRAVELLY GREEN FOREST	1.56 2.61 4.81 8.63	• 35 • 04	e 24e	•11	.38	01 T	30	• 52					• 35 • 50	•89 •46 •09	.04	2 .01 .52	2 • 85	•31			. 75		.84	• 3 ? T	3 - 12	•01 •85	+32	.40 .64 3 1.47	*10 *ul		
GREEN MOUNTAIN GREENBRIER GREENWOOD SURDON 3 E HAMPTON	3.07 3.94	 • 38 • 72	-	- -53		35			55				.33	• =0 • 53	- +41 -73 +48	1.08	-	-	-	-	-	-	-	-	-	-	. 15	+53	. 41		
IARRISON IEBER SPRINGS 3 NE IECTOR IELENA IENDERSON 2 W	7.99 4.36 3.91 4.76 5.88			.06 T	Т	T 21		т				r	.69 .05 .57	.36 .95 .35 .59	.30 1.03 1.01	.25 .02 .73	+1.7 +43			1.17		• 0 d	+19 +76 1+05	. 77	2+0 + 4 +27 2+73	1.91 1.12 .54	.02	•18 •25 •14	T	. 85	,
MOPE 3 NE MOPPER FORATIO MOT SPRINGS 1 NNE MUTTIG OAM	2.74 2.84 2.32 2.15	.17	• 35	•15 •20 •03		n3 T		T			40		. 95	.64 .18 .39	.33 .35 1.33	.70 .33 .02	•01	•0.3								٥٤ ه	.05	1.67	T • 2 8		
INDEX JASPER JESSIEVILLE JONESBORO LEO	3 · 20 4 · 64 3 · 13 4 · 48 3 · 41	•12	T	•01 •10	7	32 T	19	• 39				1	.20 T	.67 .66 .40	.20 .24 1.39	.07	+33 +12 +04 1+23		• 36 • 67				.5.	. 5	. 80	.04 1.27 .57 .52	.30	+ 31; +62	. 13		
AKE CITY ANGLEY EAD HILL EE CREEK EQUA	3 • 7 4 3 • 8 4 5 • • 6 4 • 22 7 • 4 7	T •16		•53	•		07	. 80				10 20	.22	.29 .30 .01	•31 •35	. 96 . 42 . 37	т				•21		•22		3.45	1.73		1.21 .35 .76 1.05	. 35		
.ITTLE ROCK WB AP R// .ITTLE ROCK FILTER PL .OST CORNER .OUANN 2 SE .URION	5.36 5.50 1.60 3.71		.01	.46		01	10	•12				52	.65 .90 .70	.91 .98 .90 .67	*15 1+15	. 26	•50				• 20		. 1	o^&	. 5	1.4" .66	T . 37	• 0 5	1 . 7		
MAGISON MAGNOLIA 3 N MALVERN MAMMOTH SPRING MARIANNA 2 S MARKED TREE	3.63 3.13 2.62 3.4		<u>-</u> т	T -		т						16	- +11 +12 +43	.65 .12 .93	- .25 .18	-	- •06		- 81.	-	-	τ	1.46	- 	.55	T .44	- 3 T	1.22	-		

See reference notes following Station Index. - 65 -

Qt-1	Total													Da	y of n	onth																
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARSHALL MARVELL MELBOURNE MENA MONTICELLO 3 S	7.2: 1.3: 2.1:	.01	=	=	- 01	Ξ	_ T T	_ T	=	=	=	Ξ	- •12 •47	•10	1:00 :26 1:23	• 14	• 0 7	.05	-	.17	T T	- 15	-	- T	-	3.76		-	- •11 •51	-	-	
MOROBAY L AND D NO B MORRILTON MOUNT IDA MOUNT MAGAZINE MOUNTAIN HOME	3 · 3 : 2 · 3 : 2 · 3 : 4 · 9 : 6 · 4 :	•08			•02 •08 •12	•02	•01 •20			• 0 2				1.14	•54 •42 1•53	.15	T	• 02				.18		1.90	Т	•14 •29 3•17		.01 .30 .16	.09 .38 .33 .50	т	• 30	
OUNTAIN HOME C OF ENG OUNTAIN VIEW 1 W ULBERRY 6 NNE ARROWS DAM ASHVILLE PEACH SUBSTA	5.92 3.94 1.66 1.94	•04		T • 2 3	T • 56 • 24 • 05		T • 2 4 T	•21 •08 •10	•08 T	• 0 7				T • 75 • 19 • 04	• 55 • 23 • 25	.75 1.01 .25 .39 .13	.12 T	•18 •20 •07				• 04 • 54	•19	1.10 .12 .76	•05	2.56 1.03	*64 1.95 T	.09	.20 .07 1.00 .13 .39	T		
IATHAN 4 WNW IEWHOPE 3 E IEWPORT IIMROD DAM DELL	2 • 2 9 2 • 2 9 5 • 2 9 2 • 8 2 4 • 9 9	T •03		* 17	.59 .35 .18 1.00		T • 99	T T •14		• 0 7			۰05	1.92 T +03	•49	•17 •35 1•05 •02	1.07	•07 •15				.08		.35		•19	3.03 .03 .12	•10 •18	•20 •53 •99	.06	•06	
DEN 2 W DKAY DSCEOLA WENSVILLE DZAPK	1.81 3.15 2.41 3.33 3.45	T		.04	*20 T *62		• 26 T • 06	* 0 B T T * 2 O	Ť				•11 •03	• 03	•17 •75	• 10 • 67 • 20	• 30	.13				.01 T		•02	• 02	•11	1.29 T	T • 0 3	.22 2.36 1.20 1.54			
DZONE PARAGOULD PARIS PARKIN PARKS	3 · 82 3 · 20 4 · 16 5 · 68			• 02	•38	T •03	•10 •11		. 43				•04 •24	.26	1.09 .47 1.10	.03	.02	, 83			Т				•18	.48	.07	•17	.38 .60	.05	1.49	
PERRYVILLE FINE BLUFF FINE BLUFF CAA AP FINE RIDGE FOCAHONTAS 1	3 • 1 5 4 • 2 8 1 • 9 6 2 • 3 4 3 • 2 9	.02		•03 •04 •07	•02 •16		+04 T	•08					• 54	.11 .79 1.10	.68 1.13 .26 .28 1.00	• 29 • 65 • 40	.15	•04			Т						1.03	.01	1.14 T	T T		
PORTLAND PRESCOTT RATCLIFF RISON ROGERS	2 · 8 5 5 · 9 0 2 · 1 5 2 · 5 1 5 · 1 7	.46		• 31	T •10	•53	+17 +23	•06 •37		T		.55	• 0 4	1.10	.65	2 • 00 T	1 · 46 · 34 · 21	Т	Ŧ	•05			Ť	T • 96	•08	•16 1•02		• 52	•62 •27	1 15		
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM FARCY	6.42 2.82 3.00 3.03 3.50			• 1 8	•01		•05 T	•03					• 0 3	.25 .37	.70 1.25 .19 .19 1.07	• 10 • 58 • 34	. 45	•10 •47		•12	•03	Ť	Т	2.97 .34 .66		.24	1.45 .13 .22 .20 .18		• 41		•24	
HERIDAN TOWER HIRLEY ILOAM SPRINGS PARKMAN 4 E TAMPS	3 • 0 5 6 • 4 3 4 • 3 4 3 • 0 5 6 • 4 0	+40		•18	•34 •18		1 • 22	•02 •13		• 25	•10	+22	٠	* T •15 2•83	• 50	.06 2.00	1.03	• 3 5 • 3 4		• 35 T	• 02			• 60 • 54	• 59	т	.63 1.50 .14	T	.10 .56 .79	.38		
TAR CITY 2 S TEVE TUTIGART TUTIGART 9 ESE UBIACO	3.08 1.60 5.36 3.09 3.15	.48	• 29		•05		.02	.04	.10			* 12	* 02	.24	1.20 .80 1.95 1.13	•18	001	• 70 T • 10				•20		*	•19		•18 •06 •13		.80 T	.01		
UGAR GROVE AYLOR FXARKANA WA AP R// URNPIKE ALDRON	2 • 53 5 • 56 3 • 67 3 • 81 2 • 73	•29		• 24 • 23 • 40	•27	.14	.09	T • 15 T	•01	•09			• J 2	. 47	.60 .36 .23 1.18	• 11			• 03 T	•27		.30		.09	.35	T •05		T •02	T 1.87 2.12 .80 .49	•26		
ALNUT GROVE ALNUT RIDGE CAA AP ARREN ASHITA HITE ROCK	4 • 18 5 • 48 3 • 41 1 • 40 6 • 39			T	.47		.32	+12	+61			•35	.75 .04 .27	•21 •59 •60	1.53	.10	.38 .21 T	T T • 20 • 07	•01 T		T T	.09	•30	•71	• 32	1.52	.20 .62 .30	т	T 2.09	•58		
HITECLIFFS VILSON VYNNE VELLVILLE	3.06 7.02 2.97 4.58	•32		Т	Т					Т			• 24 • 32	.24 1.95 .24 .22	T 1+46	7 1 • 10 • 19	•53	1.00		Т			• 70		1.09		2.35 .19 .25	Т	2.10	.40		

MONTHLY AND SEASONAL SNOWFALL

Corner of Land

Die Jan Jan

					Season of	ا استان ا								ARKANJE
Station	July	August	September	October	November	December	January	February	March	Aprıl	May	june	Total	Long-term means July-June
ABBOTT							1 * 9	Lett	т .					
ALUM FORK ALY AMITY 3 NE					Т	Т	1.9		т				2 + 7	
ANTOINE APLIN 1 W ARKADELPHIA ARKANSAS CITY ASHOON							• 6		Ŧ				.0	
ASHOUWN ATHENS AUGUSTA BALO KNOB BATESVILLE LIVESTOCK BATESVILLE L AND O NO 1				τ	I T	Ť	5 + 5 5 + 5 	T T	T				5.5 5 	
BEATY LAE BEAVER A SE BEECH GROVE BEECEVILLE BENTON				Ť	Ţ	T +5 T	4.1 5.7	T . • ± . • 1	T T				4 + 1 	
BENTONVILLE BERRYVILLE 4 NW BIG FORK BIG LAKE OUTLET BLACK ROCK				т		•5 - •3 T	10.6	5+n 3+5 T +4	1 • ` T	Т			-	
BLAKELY MOUNTAIN DAM BLUFF CITY BLYTHEVILLE BOOMEVILLE BOUGHTON					т	T T	4.0	Ť Ť	*1		-		.0	
BRADFORD BRINKLEY BUFFALO TOMER BURDETIE CABOT 4 SW						T T	6.1 8.5 3.0 7.3	T 3•5	T T • 3				6.1 - 12.5 3.0 2.3	
CALICO ROCK CAMOEN 1 CAMP CHAFFEE CARLISLE 1 SW CLARENOON						.5 T T	10.3 4.1 1.1 1.0	- • 6 T	T T				.0 5.2 1.1 2.0	
CLARKSVILLE CLINTON COLD SPRINGS CONMAY CORNING							5.0 7.0 8.0 5.1	•2 T T 2•0	T T				5 • 2 9 • 0 	
COTTER COVE CROSSETT 7 S CRYSTAL VALLEY CUMMINS FARM		10				Т	0 • B	-	T				.0	
DAISY DAMASCUS GANVILLE DAROANELLE DE GUEEN						T T	5.0		Ţ				5 • 0 6 • 6	
DERMOTT OES ARC DEVILS KNOB DUMAS 1 EAGLE GAP	-				т	T 1 • (8 • 4 T	3+2	1 <u>1</u>	-	_		12.6	
EL DORAGO CAA AP EUREKA SPRINGS EVENING SHAGE FAYETTEVILLE FAYETTEVILLE CAA AP					T T		- 8 	5.5 3.5 6.0	T T	* I			15.3 16.6 7.6	
FAYETTEVILLE EXP STA FLIPPIN CAA AP FOROYCE 6 W FORESTER 4 WNW FORI SMITH WB AP				Т	•	T T	9.1	2.0	Т	-	-	-	11+2	
FT SMITH WATER PLANT FOUNTAIN HILL FULTON GEORGETOWN GILBERT	-				-	T	10.0	-			-	_	12.0	0
GLENWOOD GRANNIS GRAVELLY GRAVETTE GREEN FOREST						Ţ		5 .5 5 4.0 3 1.1	T -	т			2.0	5
GREEN MOUNTAIN GREENBRIER GREENWOOD GURDON 3 E HAMPTON			-		1	· -	1 5.	2	т	-	-	1	6.	2
HARRISON HEBER SPRINGS 3 NE HECTOR HELENA HENDERSON 2 W						1 • T	7. 5. 6.	0 T		-			13. 7. 5.	0 6 9
HOPE 3 NE HOPPER HORATIO HOT SPRINGS 1 NNE HUTTIG DAM						1		2	T T	1			8.	0
								1						

See reference notes following Station Index.

MONTHLY AND SEASONAL SNOWFALL

Season of 1955-56

ARKANSA

					Season of	1955-56								ARKANSA
Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-tern means July-June
INDEX JASPER JESSIEVILLE JONESBORO KEO				T		T	9•9 5•5 6•5	1.0 T	T T	Ť			.0 10.9 5.5 6.5	
LAKE CITY LANGLEY LEAO HILL LEE CREEK LEOLA						-	5.5 3.5 - - 2.5	1.0	T T				3.5	
LITTLE ROCK W8 AP LITTLE ROCK FILTER PL LOST CORNER LOUANN 2 SE LURTON			-		Т	Т Т	12.0	T 2•5	Т				2 • 8	4.1
MAOISON MAGNOLIA 3 N MALVERN MAMMOTH SPRING MARIANNA 2 S						+1 T	3 • 2 • 5 —	4•0 T	-			-	3.3	
MARKEO TREE MARSHALL MARVELL MELBOURNE MENA				Т	-	T T	11.0	3.0	T	-	-	-	14.0	
MONTICELLO 3 S MOROBAY L ANO D NO 8 MORRILTON MOUNT 10A MOUNT MAGAZINE	T				Т	T T	T - 6.0	T 2.0	Ť				.0 T -	
MOUNTAIN HOME MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY 6 NNE NARROWS OAM						† † † †	9.0 8.2 10.5 - 3.0	2 • 5 2 • 3 4 • 3 T	•6	1.0			11.5 10.5 16.4 -	
NASHVILLE PEACH SUBSTA NATHAN 4 WNN NEWHOPE 3 E NEWPORT NIMROO OAM				Т		Т	3.6 3.0 7.5	Т	Т				3.6 3.0 7.5	
OOELL OOEN 2 W OKAY OSCOLA OWENSVILLE						3 • O	8 • 3 - - - 5 • 5	4.1	Т	Т			15.4	
OZARK OZONE PARAGOULD PARIS PARKIN				Т		T T	7.0 5.8	5.0 T	T 2•0				14.0	
PARKS PERRYVILLE PINE BLUFF PINE BLUFF CAA AP PINE RIOGE	•	-	-	-	т т	T T	4 • 3 T T 5 • 8	† † •3	т				- 4.3 T T 6.1	
POCAHONTAS 1 PORTLANO PRESCOTT RATCLIFF RISON					Т	T T	- 6.0 T	T 1.8	Т				7.8 T	
ROGERS RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM						• 5	8 • 1 6 • 5 • 6 —	5•4	Ť	Ť			14.0 6.5 .6	
SEARCY SHERIOAN TOWER SHIRLEY SILOAM SPRINGS SPARKMAN 4 E					Ť	† •4	6.0	1.1	T T				10.7	
STAMPS STAR C1TY 2 S STEVE STUTTGART STUTTGART 9 ESE						T	T 5•0	1.0 T	т		-		6.0 -	
SUBIACO SUGAR GROVE TAYLOR TEXARKANA WB AP TURNPIKE					Т	T T T	5.0 6.5 1.0 1.0	3 • 8	T T				5.0 6.5 1.0 1.0	
WALORON WALNUT GROVE WALNUT RIOGE CAA AP WARREN WASHITA					_	T T	5.0 6.6 4.1	1.5	T T				8•1 5•1 T	
WHITE ROCK WHITECLIFFS WILSON WYNNE YELLVILLE						2 • 5	9.8 - 5.8 9.1	8.0	3•0				23.3	
			A											

BEGINNING WITH JANUARY 1, 1956, HAIL WAS EXCLUDED FROM THE SNOWFALL TABLES.

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DAILY TEMPERATURES

ARKANSAS JUNE 1956

Table 5				_						111							0111	, L						-	_	-	-	-		_	T	age
Station		1	2	3	4	5	6	7 8	3 9		0 1	1 13	2 1	3 1	_		Of Mon		8 1	9 2	20 2	1 2	2 2	3 24	25	26	5 27	28	29	30	31	Avera
ALUM FORK	MAX	82	85	70			-	90	94	93	92	94 9	90	71	75	80	87 8	30	89					8 9						0 9	4	88.4
ARKADELPHIA	MIN	55 81	50 79	771	-						93	94	91	90	80	65			88	90	92 9	2 9	92 1		6	96	96 9	5 8	34 9	0 9	70	89.2 66.3
ASHOOWN	MIN	61 82	51	53 75					96							68			90	91	92 9	2 9	95 5		6	99	99 10	00	94 9	00 9	95	90.3
	MIN	63		61			-									66						91 4	93 9	74 7	14	90	93	92 1	88 8	36	93	87.0
8ALD KNO8	MIN	56	48	50	50		61	61		70				66 90		67							92		15	9.8	85	92	94 8	88	67	64.3
BATESVILLE LIVESTOCK	MIN	46	42	46	50	55		57	64		55	55	91	63	62 84	65	64	64	63	93								94	90	87	94	88.5
BATESVILLE L AND D NO 1	MAX	50	44	49	53	5.8	59	60	64	61	5.7	57	64			69	69	68	66		64	70									91	86.6
8 ENTON	MAX	78 57	76	71	60		63	63	66	67	62	62	65	68		67	70	66	67	68	70	69	68	70 6							93	84.7
8ENTONVILLE	MIN	70 45	75 44	45	80 54	76 58	78 60			50			63	60	60	62			65											64	67	61+1
BLYTHEVILLE	MAX																								. 7	0.2	95	9 3	85	95	98	89.7
800NEVILLE	MAX	80 52	79 47	72 58	83 58	81 63	67			91	90 60		91	82 68	78 65	66			68	93 68	69	70	70	70	69	68	67	70	67	65	65	65.3
BEINKLEA	MAX	79 58	81 56	78 49	80 49	86 58	88 59		94 59	91 67	9 I 6 5	93 65	90	62	66	66			68	90 69		70	70	73	70	71	69	68	7.2	72	69	65.0
CAMDEN 1	MAX	82 64	80 50	80 52	74 50	84 61	86 67		92 68	97 69	93 65	92 68	92 67	86 68	76 61	74 63		88 67	90 70	90 68		93			73	96 75	97 75			70	89 70	88.8
CAMP CHAFFEE	MAX	79 53	76 48	78 58	66 58	62 63	78 65	85 67	89 67	93 67	91 63	88 62	90	90 67	80 65	76 66		86 69	88	91 68		93			96	95 72	97 69	70			70	87.5 65.9
CLARKSVILLE	MAX MIN	78 50	76 46	74 54	80 57	79 61	83 66	88 66	93 64	90 62	90 60	93 61	91	78 67	78 64	82 66	84 68	89 70	91 68	93 68		93	98 70		96	95 69	95 67	95		91 67	98 69	88.4
CONWAY	MAX	81	77	77	82 57	82 56	86 65	90 62	96 67	91	9 I 6 I	92 61	90 66	73 68	76 66	85 69	90 72	89 70	90 67	92 68		92 70	95 68		97 67	94 72	95 69	95	92 69	92 69	94 69	88.9 65.1
CORNING	MAX	81	72 46	74 47	74 52	82 57	84 5 7	86 59	90 65	92	90 60	93 63	94	93 66	75 63	82 65	85 70	8 6 67	90 68	91 70	92 72	94 73	95 70		92 69	95 68	83 67	92 65		87 65	89 67	87.3 63.6
CROSSETT 7 S	MAX	83	77	75 47	84	86 57	89	93	95 63	93	92 62	90 66	86	80 68	76 65	84 69	8 8 70	87 66	85 69	90 69	90 68	90 67	92 69		95	96 71	96 72	97 70	85 69	67 69	95 68	65.8
CUMMINS FARM	MAX	80	76	78	80	65	89	89	95 61	94	93	91	90	79 61	74 64	83	85 70	87 68	88	91 70	91 70	91 71	93 71		93 75	94 70	95 75	95	94 70	87 73	94 69	88 • 2 65 • 9
OARDANELLE	MIN	79	75	75	79	81	85	86	92	90	90	92	90	77	77	82	85	88	89 71	90 71	93 73	92 73	95 73	95 71	93	89 73	93 68	90	88 69	88 69	94 70	87.1 67.1
OE GUEEN	MIN	80		72	86	61 87	92	95	97	93	92	93	92	83	79 64	88	91	91 68	90	94	95 67	94	98 71		98	100	100	100	85 66	93 65	97 68	91.1
OES ARC	MIN	83		55 85	58	81	85	89	91	94	62 91	91	90	87	72	80	84	89	89	91 67	92	92	92	94	96	96 68	93	95	93	85 67	89 67	88.0 62.6
DEVILS KNOB	MIN	70		67	71	55 73	5 8 7 5	58 79	63	63	81	85	83	72	61 68 59	71	70	79	83	83	85 68	85	88	87 64	88	85	87	86	85 65	82 65	87 67	79.7
	MIM XAM	79		53	53 83	59 85	62 93	95	96	94	93	93	85	63	76		87	90	91	67	92	94	96	96 75	97	98 74	99	97	91	94 73	98	90.2
OUMAS 1	MIN		, 48		61	59 88	60 91	69	69	67 92	92	91	87	78	74	82	89	72	70 89	72	72 90	72	72	94	94	95	96 75	95 76	82	86 69	94	88.3
EL DORAGO CAA AP	MIN	66	52	51		62	68 75	65 85	67	71 83	67	69 85	6 b	71		70	71	69	71	90	90	70	71	73	74	75	89	92	86	87	91	83.8
EUREKA SPRINGS	MIN	41	44	54	54	60	64 78	63	67	59	58	58	64	61 80			"	68 86	67	68	68	71	72	90	71	89	89	91	86	87	92	84.2
FAYETTEVILLE	MAX	ĺ	4 3	56	55	62	62	65	65	62	60	58	64	63	62	62		69	68 88	67	90	72	73	90	72	67	67 88	90	65 84	87	70	83.6
FAYETTEVILLE CAA AP	MAX		5 41		53	58	62	66	63		57	56	61	61	61		68	69	65	65	65 89	70	68	65 89	71	65 87	66 87	89	85	63 85		83.3
FAYETTEVILLE EXP STA	MAX		73		53	57	60	63		5.8	59	52	60	59	58	61	64	73	65	65	67	70	72	65 89	71	66	67	64	86	64 87	95	61 • 8
FLIPPIN CAA AP	MAX		2 76 9 45	5 5 3	79		75 60		90 67			92 57	91 64		76 65	66	68		90 66		67			68	68	67	67	63		66		63.0
FOROYCE 6 W	MA) M1																									00	96	0.6	0.4	0.1	1.00	88.4
FORT SMITH WR AP	MA)	7 5	6 78	5 60	60 82	77	65		92 70		89 65	92 64	90 69		77		7 70	70	92 70	70	95 72	7.2	7.2	70	70	73	69	68	67	68	71	66.8
FT SMITH WATER PLANT	MA: MIM		6 74 5 41			5 77						89 56			59		81 67		63		92 63	91 64	64		62	67	91 65	65	66	63	66	60.9
GILBERT	MA: MII		4 70 8 44			9 84 • 56			91 63				91	63		66		89 66	92 64		93 66		64	90 68	6.3	6.7	92 65	63	66	89 66	63	61.7
GRANNIS	MA:	x 7	6 7	6 7 I 5			89		94			91		82	82			85 67			90 67		69	93 68	69	71	98 71	70		65	92 69	87+1
GRAVETTE	MA	x 7	1 7				79		88			88			3 73		I 80 1 64	86 67	90	90	90	90 70		89 63	89 69	86 65	64	86 67		68 62	90 67	84.3
GREEN MOUNTAIN	MA	×																														
HARRISON	MA	x 7	12 7				1 7:		89	8	7 86	5 89	89		0 71 4 63		8 78 5 64	87	B 7	7 91	90	9 <i>7</i>	93 75	90 70	95 67	91	90	92 62			93 60	65.1
HELENA	M.I.	X	79 7	6 7	8 8		8 91	93	3 45	9	2 92	2 94	86	5 71	6 7			88	3 90	91	92	92 75	92	94 17		93	95	95 71	90 72	88 72	92 71	88 • 2 68 • 2
HOPE 3 NE	MA	x c		9 7	8 6	6 B		5 90	9 9 6	2 9	5 9	1 91	91	1 5	9 7: 7 6:	5 7	3 79	90	89	9 85		90 71		93 74		94	97	96 73			91 70	86.9 66.7
	MI	N 6	53 5	2 5	,		, ,																									
		ı			,											. Ind.																

DAILY TEMPERATURES

ARKANSAS JUNE 1956

Table 5 - Continued Station												1					Of Mo	—т														rerage
NOT COOLINGS IN MILE	MAY	1 82	80	77	4 84	5 83	88	7	9.7	9	95	95	92	75	73	15		90	18	19	20		22		+			+		93	97	89.5
HOT SPRINGS 1 NNE	MAX MEN MAX	82 56 82	51	55! 75	59	63	67	92 67 91	97 72 93	95 70 89	66	67	68	68	64 78	68	90 61 85	69	92	91 70 93	91 72 94	92 74	95 74 94		97 76	97 76 84	99 73 93	94 71 92	68	68 86	97 72 93	67.6
JONESBORO .EO	MIN	54	46	51	57	58	60	62	69 95	69	67	68	69	69 76	65 78	69	72	68	70	72	75 92	76 92	72	73	73		68	70	72	71	71	66.9
LEAD HILL	MIN	56	49	52 70	57	57	57	f 1 86	67	68	67	65 90	67	68	65 75	68	70	69	68	69	70	70	68	72	70	72	69 91	68	70	72	70	65.7 86.1
LITTLE ROCK WB AP	M1N MAX	46	76	75	52	58	60	63	62	58	55	65	61	63	65 75	65	65	65	64	66 92	66 92	68	68	68	96	60	65	63	68	65	65 95	61.6
MAGNOLIA 3 N	MIN	60	54	56	61	61	66	66	71	73	71	70	69	67	66	69	71	70	70	72	73	73	72		75	72	68	70		73	71	68.6
MALVERN	MIN	80	78	.76	83	79	88	82	96	93	93	92	90	73	74	87	89	90	88	92	91	91	93	93	9.5	95	96	96	90	90	94	88.2
MAMMOTH SPRING	MIN	59	59 75	50	58	59	66	63	66	70	67	65 90	65	67	60 78	68	69 85	63	67	68	68	69 96	69 97	71	70	76 87	69	70	69	68	70	65•9 87•9
MARIANNA 2 S	MIN	48	44	50	52	58	57	59	65 95	91	92	91	63	66 74	64 79	68	65	86	87	90	91	92	94		95	93	93	93	89	86	93	87.9
MARKED TREE	MIN	58	49	48 75	61	57	59	60 92	64 93	64 91	61	68	68	66 75	64	68	70	68	68	69	70	72	69	74 95	72	71	68	68	69	70 87	69	65+4 88+2
MARSHALL	MIN	56	48	72	58	59	58	58	65	66	64	66	68	66	64 73	69	69	66	68	69	72	73	69	73	72	67	68	67	71	69	69	65 • 8
MEÑA	MIN	46	42	55	55	61	65	63	63	65	55	63	64 87	61	63 73	66	66	69	66	67	70	73	74	66	70	71	70	61		69	70	63.7
	MIN	57	50	50	56	61	65	67	69	69	64	62	65	67	63	64	69	71	69	67	70	70	72	73	73	74	74	69	66	64	71	66.0
MONTICELLO 3 S	MIN	62	49	51	60	59	61	68	65	66	70	67	66	68	64	69	86 72	87 68	68	91 71	90	70	71	74	68	70	94 76	68	96 70	90 70	71	66.7
MORRILTON	MIN	55	4.8	52	56	59	63	62	67	68	65	63	66	67	65	68	70	90	91 67	92 67	70	92 72	95	96 72	95	92 71	96	97 67	70	92 69	95 68	88.6
MOUNT IOA	MIN	78 55	78	43	78 44	82 57	67	90	63	65	60	93 58	90	75 67	63	63	69	70	63	91 68	91 67	70	92 67	93 70	70	96 73	99 71	97 67	86 68	93 63	96 68	87.9 63.3
MOUNT MAGAZINE	MAX	68	70	62	71 54	71 60	62	62	68	66	65	68	64	67	68 58	61	62	78 64	64	64	68	68	69	85 64	67	85 68	85 69	68	78 60	70	87 67	79.0
MOUNTAIN HOME	MIN	71 50	75 46	54	79 53	81 59	75 60	63	90 69	63	61	90 69	66	79 65	78 64	67	66	87 68	89 67	91 69	92 69	92 70	92 69	89 68	93 69	86 66	90 61	91 65	66	65	93 65	85.5
MOUNTAIN HOME C OF ENG	MIN	79 47	71 45	76 52	68 51	79 58	81 60	75 62	89 66	60	66	86 57	90	87 67	75 65	76 65	68	79 68	87 66	90 66	91 68	69	93 67	94 68	88 67	94 66	86 66	90 62	91 67	86 64	85 65	84.6
NARROWS DAM	MIN	61	46	51	70 55	83 58	64	89 62	91 64	96 69	94 61	92 61	92 62	69	66	67	69	89 67	89 65	88 64	92 65	92 65	92 66	96 67	96 67	97 68	98 69	69	101	87 65	94 65	89 • 4 63 • 9
NASHVILLE PEACH SUBSTA	MIN	76 60	53	79 55	69 57	61	64	65	91 65	70	91 60	9 1 64	91 64	91 67	78 62	76 64	82 68	88 67	88 66	64	90 66	91 67	91 67	94 69	94 67	96 67	97 71	98 69	98 66	84 65	90 66	87.6
NEWPORT	MAX	80 54	79 49	76 52	54	88 59	88 59.	92 61	95 65	92 65	94 61	95 62	91 65	81 65	83 62	85 67	90	92 65	93 67	95 67	95 70	95 70	96 66	97 70	99 71	91 69	95 67	94 65	89 68	90 67	96 68	90.3
NIMROO OAM	MAX	53	79 47	81 47	69 59	83 57	85 64	88 67	91 68	95 67	93	93 61	96 64	65	76 65	79 66	84 68	89 67	90 65	91 66	95 69	93 72	95 70	95 71	98 70	97 68	97 67		96 68	85 65	92 67	88.9 64.2
OKAY	MAX MIN	83 65	82 50	80 59	86 59	87 64	91 71	94 68	95 68	70	94 64	92 65	93 67	80 70	75 66	84 68	94 70	92 72	88 74	93 67	93 70	93 71	97 73	96 74	97 73	98 75	99 76	100 72	94 69	91 69	95 71	91.0 68.3
OZARK	MAX	78 52	76 47	68 59	82 58	77 63	84 66	88 67	94 68	90 67	90	92 62	92 68	81 66	80 65	66	84 70	90 71	92 69	91 68	94 71	93 69	96 70	97 69	96 68	96 71	98 68	93 68	84 66	90 66	95 70	88+3 65+6
PARAGOULD	MAX	81 58	73 46	75 47	82 53	85 55	87 56	90 56	91 64	89 65	89 62	93 61	91 63	82 66	79 64	90 69	82 69	88 66	91 67	92 67	93 71	93 71	93 69	93 69	96 69	85 67	91 67	89 65	89 71	88 69	91 66	87.7 63.6
PAR15	MAX	78 52	79 47	58	81 54	81 59	88. 64	90 65	94 67	92 65	9 Z 60	94 61	93 65	82 67	78 65	86 67	91	92 66	93 67	95 67	95 70	97 70	99 69	98 69	97 67	94 72	97 67	95 69	84 67	93 65	99 69	90.6
PERRYVILLE	MAX MIN	89 56	78 46	76 49	82 56	88 57	84 55	89 61	96 65	91 64	91 60	92 62	89 63	74 67	77 64	84 68	86 70	89 69	91 69	93 68		93 78	96 66	98 66	96 67	94 69	98 68	96 65	88 68	91 66	95 66	89.3
PINE BLUFF	MAX	79 61	80 52	77 54	84 58	86 64	90 65	90 66	97 71	94 70	95 69		88 67	76 68	76 65	84 69	89 71	89 70	90 70	95 72		93 73	94 73	95 75	96 74	96 75	96 74	97 72	88 74	92 74	97 72	89 • 7 68 • 7
PINE BLUFF CAA AP	MAX MIN	79 59	78 50	77 49	82 57	85 59	91 62	90 64	94 65	92 68	93 67		87 66	75 65	76 65	84 68	88 71	88 69	8 9 6 9	93 70		92 71	94 70	94 72	95 71	95 72	96 72	96 68		90 72	95 69	88.7 66.3
POCAHONTAS 1	MAX	80 51	75 48	77 50	82 53	66 57	85 58	88 58	93 67	89 66	93 64		90 63	31 66		84 68	85 70	90 66	92 67	90 70		92	97 75	90 75	97 74	88 72	92 67	91 67	88 67	88 65	92 68	88.0 64.7
PORTLAND	MAX MIN	88 65	79 53	77 52	77 60	83 60	85 60	90 60	93 65	94 69	94 68		89 70	82 66	75 65	75 61	83 66	86 69	84 60	85 69			90 71		93 73	94 73	95 73	94 72	96 71	87 72	85 70	87•2 66•4
PRESCOTT	MAX	81 62	78 51	79 54	65 54	83 55	86 60	91 65	91 65	96 69	93 65		93 68	91 66	75 63	71 63	80 66	90 66	91 67	88 70			91 72		95 72	96 73	98 74	99 70		85 67	90 68	88.1 65.5
ROGERS	MAX	70 50	70 46	67 49	75 55	74 59	74 62	82 65	83 68	83 63	81 63		85 65	76 63	72 62	74 62	76 66	82 68	85 68	87 68			90 71		90 70		86 66	89 65		85 65	91 68	81.6 63.4
RUSSELLVILLE	MAX	79 52	78 48	74 52	86 57	82 59	85 65	88 65	94 67	91 66	91 60	93 61	91 66	76 69		83 68	86 71	89 71	91 68	93 69		94 70	98	96 69	95 68	92 72	95 67	94 68	92 69	91 69	96 69	88 · 8 65 · 4
SAINT CHARLES	MAX	84 61	77 50	77 50	79 59	83 59	89 61	91 61	92 67	95 66	91 65		93 68		73 65	79 68	81 69	87 69	86 69	87 70		91 73	91 72	92 75	94 71	94 75	93 70	95 69		89 72	87 70	87.9 66.7
SEARCY	MAX M1N	82 55	76 50	75 52	80 56	85 59	87 64	89 62		90 69	91 66		89 67	73 66	82 65	84 67	86		91	92	93		94 67		9 7		96 68	94 69	91 70	90 72	94 69	88.6 65.7
SHERIDAN TOWER	MAX M1N	85	8 1 4 8	52	83 54	85 56	87 59	87 60	90 63	92 64	95 64		64	74 65	76 64	65	85 66	85 65	85	90	92	93	94	92	94	95	96 70	95	94	90 70	93 68	88.7 64.2
SILOAM SPRINGS	MAX	75 45	70 44	74 56	65	79 62	72 63	80 66		87 61	84 63	85	88	88	81		82	80	8-5	88	90	90	90 71	91	90	90	89	89	91	86	87	83.5
STUTTGART	MAX	79 60	78 52	76 54	83	85 62	90	91 64	95	93 71	94		88	80		80	87		90		92		94	95	96 73	94	97 71	96	85	90		89.0
																	1				,,											

Table 5 - Continued									D	A.	ΙLΊ	7 T	E)	ИP	ER	A	TUI	RE	S													ARKANS
Station																Day	Of M	onth														de
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Average
STUTTGART 9 ESE	MAX M1N		77 52			82 59	85 60		91 68	96	92 68	92 66	92 67	84 66	72 65	80		85	87	88	90 72	90	90	91 71	93	94 71		95		85	88	87.
SU81AC0	MAX MIN		76 47			81 61	86 65	89 64	93 68	90 66		94 63			77	83 65	86	90	92	92	93	94	97	97	97	91	95	94	H Q	91		88.
TEXARKANA WB AP	MAX		80 54			87 66	90 71	92 70	95 69	92 73	92 67	92 68	90 68	80 69	75 66	83 69	91	90	85	91	91	91	95	95	95	97	9.7	9.8		84	95	88.
TURNPIKE	MAX	68 50	70 46		72 53				84 69	83 64		85 66			67 59		70	80	84	81	86	85	88	86	85	83		65	78	83	86	79.
WALDRON	MAX		80	78 53	83 56	ø0 58	89 64	92 66	93 65	90 70	90 50	93	91		76 62			89		94	95		98	98	99	99	99	100	85	94	98	62.
WALNUT RIDGE CAA AP	MAX	72 54	74 49	74 53	81 56	85 58	85 60	88 61				92 62			79 65		83	89		92	93		93	91 71	95	84	93	90		в7	92	86.
WARREN	MAX MIN	60	79 50	78 52	84 59	86	90 67	92 63	97 68	67		91 67			75 64		91	91	- 1	93	93	93	94	94 71	95	97		97	89	91 71	97	89.
WHITE ROCK	MAX		66 50		78 52			79 61				83 67			69		74	80	83	84	86	85	87	85	87	64	85	82	80	81	87	79.0
WILSON	MAX MIN	83 54	74 54	75 54	80 59	85 59	86	92 58	94 65	91		94 67			83		83	84	92	92	93	93	94	95 67	95	91		91	88		93	63.
WYNNE	MAX MIN	76 51	75 46	74 48	81 59	85 57	87 59	89 58	93 64	90 63.	92 65	9 2 6 2	87	72 67	79 64			88	91	92	92	91	92	94	95	90	91	92	8.7	88	93	87.4

Table 6

EVAPORATION AND WIND

																	Day c	of mor	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
BLAKELY MOUNTAIN DAM	EVAP									.30						.06	.14	.32	.12					.31									6.88
HOPE 3 NE	EVAP						.13																	.31							.21		6.7
MOUNTAIN HOME C OF ENG	EVAP	.17	.26	.21	.10	.14	.12	.08	.18	.28	. 28	.27	.25	.21	.12	.06	.13	.06	. 25	.24	.27	.24	.24	54	.14	49	.15	.27	. 32	.18	.27		5.8
NARROWS DAM	EVAP W1ND																																6.8
MAD DCAMIN	EVAP																							. 35					.27		.18		6.1
RUSSELLVILLE	EVAP W1ND																							15									6.2
STUTTGART 9 ESE	EVAP	.10	. 26	. 22	.14	.18	.18	.20	.22	.30	.27	.29	.24	.07	- 59	.03	.09	.13	.17	.22	.24	.28	.29	.28	.29 72	.29	. 26	- 76	.28	.14	.21		6.2

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1955-56

ADVANC

						Season of							_		ARKANS/
Station		July	August	September	October	November	December	January	February	March	April	May	June	Total	JUL-YJUL
ALUM FORK ARKADELPHIA ASHDOWN BALO KNOB BATESVILLE LIVESTOCK	AM	0 0 0	0 0 0 0	0 0 0 0	127 125 128 188 198	448 418 405 502 594	728 653 611 760 890	786 739 697 837 943	533 450 426 554 686	427 354 317 424 512	196 140 123 195 267	13 9 9 18 43	4 0 0 8 13	3262 2888 2716 3486 4148	
BATESVILLE L AND D NO 1 BENTON BENTONVILLE BLYTHEVILLE BOONEVILLE		0 0 0	0 0 0 0	0 0 0 3	178 190 226 160 155	510 490 605 523 479	782 749 870 783 701	869 782 951 888 814	576 543 682 563 533	433 440 499 436 396	224 197 310 239 200	21 10 32	8 8 17 2	3601 4192 3289	
BRINKLEY CAMBEN 1 CAMP CHAFFEE CLARKSVILLE CONNAY	AM AM	0 0 0	0 0 0 0	0 0 0	161 145 177 178 136	491 463 530 484 445	736 668 839 712 700	817 711 920 822 775	501 428 632 546 512	399 362 486 422 371	189 137 223 236 177	10 13 17 8 10	1 0 6 6 4	3305 2927 3830 3414 3130	İ
CORNING CROSSETT 7 S CUMMINS FARM OARDANELLE OE QUEEN	АМ	0 0 0	0 0 0 0	3 0 0 0	187 126 142 143 161	555 409 412 446 425	877 538 632 702 675	929 637 726 798 741	680 348 464 519 450	496 316 396 373 357	260 113 159 175 150	41 4 9 6 9	12 6 3 2 2	4040 2497 2943 3164 2970	and and
OES ARC OEVILS KNO8 OUMAS 1 EL OORAOO CAA AP EUREKA SPRINGS	АМ	0 0 0 0	0 0 0	2 2 0 0	202 189 125 145 180	559 555 422 430 525	792 837 628 607 780	853 898 708 656 893	605 671 421 407 635	470 526 361 347 466	221 256 155 141 276	38 28 6 4 28	20 1 2	3746 3982 2827 2739 3799	
FAYETTEVILLE FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP FOROYCE 6 W		0 0 0	0 0 0 0	0 0 0	214 245 228 213 118	550 617 563 585 374	793 861 813 861 608	892 932 929 957 678	639 684 663 651 402	482 546 509 511 335	283 329 329 283 134	23 28 35 34	12 20 20 11	3888 4262 4089 4106	
FORT SMITH WB AP FT SMITH WATER PLANT Glabert GRANNIS GRAVETTE		0 0 0	0 0 0 0	0 0 0	145 208 208 160 228	507 536 537 453 608	769 786 795 684 8 5 9	842 860 899 726 952	576 602 606 384 681	407 448 485 517 516	214 262 267 163 316	10 13 22 3 36	4 14 9 1 13	3474 3729 3828 3091 4209	3188
GREEN MOUNTAIN HARRISON HELENA HOPE 3 NE HOT SPRINGS 1 NNE	AM AM	0 0 0 0	0 0 0 0	6 0 0	242 119 130 84	589 406 440 390	869 642 692 642	971 732 710 716	688 694 441 475 480	531 347 402 336	332 127 163 129	39 5 18 10	13 0 3 0	4286 2819 3033 2787	
JONESBORO KEO LEAO HILL LITTLE ROCK W8 AP MAGNOLIA 3 N		0 0 0	0 0 0 0	0 0 4 0	156 167 238 124 125	519 476 605 459 377	762 701 865 693 551	856 784 961 769 627	579 502 653 506 369	442 392 531 386	218 181 301 167 139	17 13 32 12 9	5 2 15 0	3554 3218 4205 3116	2982
MALVERN MAMMOTH SPRING MARIANNA 2 S MARKEO TREE MARSHALL	1	0 0 0 0 0	0 0 0 0	0 1 0 1 4	154 204 182 191 202	439 575 485 515 553	676 831 685 757 778	747 930 809 875 892	482 631 489 561 588	387 506 394 432 472	159 218 188 197 261	10 33 12 15 25	2 4 3 8	3056 3248 3547 3783	
MENA MONTICELLO 3 S MORRILTON MOUNT 10A MOUNT MAGAZINE		0 0 0 0	0 0 0 0	0 0 0 0 2	138 130 143 198 229	445 402 458 536 617	706 586 705 816 859	791 713 789 838 922	513 356 531 609 684	393 333 391 516 559	179 148 171 237	10 9 9 10 31	4 2 5 18 11	3179 2679 3202 3778	
MOUNTAIN HOME MOUNTAIN HOME C OF ENG NARROWS'OAM NASHVILLE PEACH SUBSTA NEWPORT	AM AM AM	0 0	0 0	1 1 0 0	173 201 149 150 150	524 599 485 462 481	805 883 709 712 747	889 974 747 738 849	607 717 528 546 566	459 541 452 451 402	256 266 190 186 192	27 51 17 20 15	10 15 4 2 2	3751 4248 3267 3404	Ì
NIMROO OAM OKAY OZARK PARAGOULD PARIS	AM	0 0 0 0	0 0 0 0	0 0 0 1	133 110 164 188 138	450 363 496 528 450	806 593 749 808 728	846 658 819 939 811	582 392 558 609 531	448 309 428 486 391	200 117 187 241 180	21 10 9 29 7	4 0 4 9 2	3490 2552 3414 3838 3238	
PERRYVILLE PINE BLUFF PINE BLUFF CAA AP POCAHONTAS 1 PORTLANO	АМ	0 0 0	0 0 0 0	0 0	154 114 154 172 169	480 402 459 558 482	733 632 660 808 575	755 691 738 896 704	512 434 451 586 418	380 336 389 461 374	177 124 163 210 139	11 8 8 27 10	5 0 3 4	3207 2741 3025 3722 2871	
PRESCOTT ROGERS RUSSELLVILLE SAINT CHARLES SEARCY	AM ·	0 0 0 0 0	0 0 0 0	0 0 0	156 203 160 154 157	521 521 470 479 458	782 806 717 703 734	799 899 796 781 798	532 641 522 503 526	418 488 401 386 404	158 281 184 170 178	18 29 6 20 12	5 19 4 2 3	3389 3887 3260 3198 3270	
SHERIOAN TOWER SILOAM SPRINGS STUTTGART STUTTGART 9 ESE SUBIACO	AM -	0 0 0	0 0 0 0	0 1 0 0	233 110 175 130	619 419 506 454	887 625 714 742	714 976 734 817 798	518 711 485 535 525	570 354 439 3 7 4	341 148 217 187	4 45 10 28 9	0 17 0 1 6	4400 2885 3432 3225	
TEXARKANA W8 AP TURNPIKE WALDRON WALNUT RIDGE CAA AP WARREN		0 0 0	0 0 0	0 2 0 0	98 200 181 190 83	395 572 505 563 385	600 875 750 823 584	652 848 911 655	393 680 551 597 372	334 548 415 477 334	128 281 210 240 121	7 37 10 25 6	0 21 3 6	2607 3473 3832 2540	2362
WHITE ROCK WILSON WYNNE		0	0 0	1 0 0	180 170 167	540 482 490	833 770 753	888 825 875	670 507 532	530 397 444	290 181 233	31 11 17	19 1 10	3982 3344 3521	

+					Obser- vation		D - I							Obser		
Station	ON County	Drainage	Longitude	Elevation	Temp. p	Observer	Refer to tables	Station	Index No.	County	Dramage: Latitude	Longitude	Elevation	Temp Trees	Observer	Refer to tables
Abbott Alicia Alum Fork Aly Amity 3 NE	00D6 Scott 0064 Lawrence 0130 Saline 013b Yoll 0150 Clark	1 35 04 7 35 54 1 34 48 3 34 47 3 34 17	94 12 91 05 92 52 93 29 93 25	624 256 755	7A 7A 5P 5P 7A	James V. Williama Ruby B. Owens L. R. Water Works Gurn B. Sunim Mrs. Alta F. Garner	3 3 C 2 3 5 C 3 C	Louann 2 SE Lurten Madieon Magnolia 3 M Magnolia 5 4	4386 4528 4548	Union Newton St. Francis Columbia Columbia	3 33 22 7 35 46 5 35 00 4 33 19 4 3.1 20	92 46 93 05 90 43 93 14 93 13	130 '007 215 315 360	6P 7	P Fiora A. Hemilton A Lofa I Dollar A Lorvo H. Jones A tarl F Graham D Ark Pwr & Lgi (o	1 7
Antoine Aplin 1 W Appleton Arkadelphia Arkansae City	0178 Pike 0188 Perry 0196 Pope 0220 Clark 0234 Ocaha	3 34 02 1 34 58 1 35 25 3 34 07 2 33 37		400 522 200	7A MID 6P 6P	Drew A. Lamb Hobart Watte John A. Jones Hillman E. Lawrence John W. Trammell	3 C 3 C 2 3 5 C 3	Malvern Mammoth Spring Marianna 2 S Marked Tree Marked Tree	4572 463N 4654	Hot Spring Yulton Lee Poinsett Searcy	3 34 23 7 36 29 5 34 44 5 35 32 7 35 54	92 49 91 32 90 45 90 25 92 38	311 690 234 229 1050	85 7 69 6 69 7	P Mwlvern Fire Dept A John H McKee P Usiv, of Arkanaa A William M Crick A Mrs. Minnie H rton	7 7
Aebdown Athens Augusta Bald Knob Batesville Livestock	0286 Little River 0300 Heward 0326 Woodruff 0350 White 0458 Independence	4 33 40 4 34 19 7 35 17 7 35 18 7 35 49	94 08 93 58 91 22 91 34 91 47	329 960 218 230 571	7A 7A 6P 6P	Southwestern G & E Arra D. Parkor Oavid G. Griffiths Univ. of Arkaneas Univ. of Arkaneas	2 3 5 3 5 2 3 5 2 3 5 C	Marvell Maumee Melbourne Mena Honticello 3 5	4696 4746 4756	Phillips Scarcy Izard Polk Drew	7 34 33 7 36 03 7 36 04 3 34 35 3 33 35	90 55 92 39 91 54 94 15 91 48	195 749 610 1207 285	6P 7	A Sterlin Wallace D Verne W Davenport A Ivan I. Shrader A E. W St John P Arkadeam A & W (ol	3 2 3 3 7 C 2 3 5 7 C
Batesville L & D 1 Bear Creek Lake Beaty Lake Beaver 1 SE Beebe	0460 Independence 0496 Lee 0512 St. Francie 0518 Carroll 0530 White	7 35 45 7 34 43 5 35 05 7 36 28 7 35 04	93 46	220 400 930	MID	James J. Mitchum U.S. Forest Service L. G. Adamson Harvey E. Skelton Lowell E. Perkina	2 3 5 C C 3 3 C	Montrose Morobay Lock & Dam Morrilton Mount Ida Mount Magazine	4934 4938 4988	Ashley Cathoun Cenway Wontgomery Logan	3 33 19 3 33 19 1 35 07 3 34 33 1 35 10	92 27 92 45	125 85 280 663 2800	5p 7	D Ark. Pwr & Ligt Co A Corps of Engineers A Famn S Leavel (p William F. Black P U.S Forest Service	2 J * 2 1 5 7 2 3 7
Beech Grove Beedeville Benton Bentonville Berryville 4 NW	0534 Greene 0536 Jackson 0582 Saline 0586 Benton 0616 Carroll	7 36 09 7 35 26 6 34 33 1 36 22 7 36 26	91 06	221	6P 8A 6P 7A	B. B. Hammond P. M. Breckinridge Wrs. Etta C. Burks Earle L. Browne David L. Stidham	3 3 2 3 5 2 3 5 3 6	Mountain Home Mountain Home C. of E Mountain View 1 W Wulherry 8 NNT, Narrows Dam	5038 5046 5072	Raater Baater Stone Franklin Pike	7 36 20 7 36 20 7 35 52 1 35 34 3 34 10	92 23 92 23 92 08 94 01 93 43	800 800 768 500 425	74 8 7	P Charles Shiraa A (orps of Engineers A Mildred) #ard A Henry G. Arvin A Corps of Engineers	2 3 5 7 2 3 5 6 6 3 3 2 3 5 6 (
Sig Fork Big Lake Outlet Black Rock Blakely Hountain Onm Blue Mountain Onm	0664 Polk 0676 Miesiswippi 0746 Lawrence 0764 Garland 0798 Yell	3 34 29 5 35 51 7 36 07 3 34 36 1 35 06	91 06 93 11	228 259 426	6P 7A 8A	Anna M. Liles N. W Douglas Lee W. McKenney Corps of Engineers Corps of Engineers	3 3 3 6 C	Nambville Peach Substa. Vamhville SCS Nathan 4 WNW Newhope 3 E Newport	5114 5158 5174	Homard Boward Boward Pike Jackson	4 34 00 4 33 57 3 34 07 3 34 14 7 35 36	93 50	550 373 550 850 225	W1. 7	A Univ of Arkansas D Soit Cone Service A Edna J. Westfall A Elsie F Bord A Luther D Hummera Jr	1 3 5 3 3 7
Bluff City 8lytheville Booncylle Botkinburg Boughton	0800 Nevada 0806 Mississippi 0830 Logan 0842 Van Buren 0848 Nevada	3 33 41 5 35 56 1 35 09 7 35 39 3 33 52	93 55	252 511 1200	5P 7A 7P 7A MIO	Paul W. Adams lvy W. Crawford Cleo E. Yandell Thomas M. Pearson iris Elmore Wicker	3 2 3 5 7 2 3 5 C C 3	Vimrod Dam Norfork Dam Odell Oden 2 % Okay	5228 5354 5358 5376	Perry Baxter Washington Wontgomery Howard	1 34 57 7 36 15 1 35 48 3 34 38 4 33 46	94 24	470 425 1500 800 300	M 1.	A Corps of Engineers D Corps of Engineers A Mrs. Renzo Hurst A Vers J. Gann P J. T. Hargis	2 3 5 5
Bradford Brinkley Buffalo Tower Bull Shoals Dam Burdette	0872 white 0936 Monroe 1010 Newton 1020 Baxter 1052 Miesissippi	7 35 25 7 34 54 7 35 52 7 36 22 2 35 49	92 34	205 - 460	5p 5p 7A MID	Marshall Bickmon Robert D. Schaefer Beulah F. Fowler Cerpa of Engineers G. A. Hale	3 5 7 C 3 C 3	Osceola Owcowille Ozork Ozone Paragould	5508 5514	Miesiwsippi Saline Franklin Johnson Green	2 35 43 3 34 37 1 35 29 1 35 38 5 36 04	92 49 93 50 93 27	250 500 396 1900 275	6P 6	A Alwyn A. (owan A Guy Cook A Rurns makefield A Maurice R. Brandt P Radio station KDRS	3 3 2 3 5 7 3 2 3 5
Cabot 4 SW Calico Rock Candon 1 Candon 2 Camp Chaffee	1102 Pulaskl 1132 lzard 1152 Ouachita 1154 Quachita 1172 Sebastian	7 34 57 7 36 08 3 33 36 3 33 35 1 35 18	92 08 92 49 92 51	400 116 155	7A 7A 7A MID	B. M. Walther Auetin D. Harris Leonard B. Dillworts Edith Z. Lehman U. S. Army	3 7 2 3 5 2 3 5	Paris Parkin Parthenon Perryville Pine Bluff	5586 5602 5694	Legan Cross Newton Perry Jefferson	1:35 18 5:35 16 1:35 57 1:35 00 1:34 12	90 35 93 15 92 49	222 925 325 215	7 11 5p 7	S Fred J. Girard A Corine D. Gardner D Arthur B. Carlton A Francie Finkbeiner A Wary T. Scheu	2 3 5 2 3 5 2 3 5
Canaan 2 W Carlisle 1 SW Carpenter Oam Clarendon Clarkeville	1188 Searcy 1224 Lonoke 1238 Garland 1442 Monroe 1455 Johnson	7 35 52 1 34 47 3 34 27 7 34 41 1 35 28	93 01 91 18	172	MID 7A	Froncy Ocll Horton John L. Tait Ark. Pwr & Lgt Co. B. F. Northern Dr. Irving F. Beach	C 3 C 3 3 5	Pine Bluff CAA AP Pine Ridge Pocahontae 1 Portiand Prescott	5760 5820 5866	Jeffersen Montgomery Randolph Ashley Nevada	1 34 10 3 34 35 7 36 16 3 33 14 3 33 48	93 54 90 59 91 30	205 840 330 122 318	5p 7	D U.S. Civil Arro Adm A J. R. Ruddlewton A Benedictine Staterw A Mra. Pearl Newton A R. P. Hamby	3
Clinton Cnld Springs Combe 3 SE Compton 2 NE Cnnway	1492 Van Buren 1520 Scott 1574 Wadison 1582 Neeton 1596 Faulkner	7 35 35 3 34 58 7 35 48 7 36 06 1 35 05	93 18	1250 1400 2166	7A M1D	Earl B. Riddick Margaret Zornes Maude C. Brashears William L. Binam Clarence S. William	3 3 C C	Prescott SCS Pystt 1 NNW Ratcliff Rawana 1 NE Remmel Dam	5970 6008 6016	Nevada Marion logan Willer Hot Spring	3 33 48 7 36 16 1 35 18 4 33 04 3 34 26	92 51 93 53 94 02	H00 4/13 250	W E 7 W E	D Soil Cona Service D Ona V McLean A Lulu W. Reckw D Bonny L. Allen D Ark. Pwr & Lgt Co.	3 C
Corbing Catter Cove Cromsett 7 S Crystal Valley	1632 Clay 1640 Baxter 1666 Polk 1730 Ashley 1750 Pulaski	7 36 24 7 36 17 4 34 26 3 33 02 1 34 42	90 35 92 31 94 25 91 56 92 26	44D 1050 175	7 A 7 A 5 P S P	Mrs. Laure Polk Robert T. Fielding Joe C. Allen U.S. Forest Service Virda Byrd	2 3 5 7 C 3 3 2 3 5 3	Rison Rogere Russellville Saint Charles Saint Francis	6352 6376	Cleveland Benton Pope Arkaneam Clay	3 33 57 7 36 20 1 35 18 7 34 23 5 36 27	94 07 93 08 91 08	231 1387 360 200 300	38 S 5P S 8A 8	A J. H. Yaney S Howard Fowler P U.S. Forest Service A Fish & wildlife Serv A William S. Ruckley	3 2 3 5 7 2 3 5 6 1 2 3 5
Cummina Farm Daisy Damaecus Danwille Danwille SCS	1768 Lincoln 1814 Pike 1829 Faulkner 1834 Yell 1835 Yell	1 34 08 3 34 14 1 35 22 1 35 03 1 35 04	93 24	629 705 370	7 A 7 A 7 A	Cummins Prison Farm Ferna Jones Tedder William A. Brown J. A. Moudy Soil Conserv. Serv	2 3 5 3 C 3 7 C	Salom Searcy Sheridan Tower Shirley 3 SE Siloam Springs	6506 6566 8586	Fulton White Grant Van Buren Benton	7 36 23 7 35 15 3 34 27 7 35 38 1 36 11	91 50 91 44 92 21 92 17 94 33	668 245 290 910 1150	5P 7 6P 6	A Jam. B. Caldaell A Adam C. Welton P Ark Forcetry Comm. A Maud H Bradford A John Brown Univ	3 2 3 5 7 2 3 5 7 3 2 3 5
Oardanelle De Queen Denver 2 E Dermott Dee Arc	1838 Yell 1948 Sevier 1956 Boone 1960 Chicot 1968 Prairie	1 35 13 4 34 02 7 36 23 2 33 31 7 34 58	94 21	102H	5P 7A MID 8A	O. Tucker Vasser Clarence E. Cellins L. W. Wilsen	2 3 5 7 C 3 5 5	Smithville Sparkman 4 E Stamps Star City 2 S Steve	6768 6804 6820	Lawrence Dallas Lafayette Lincoln Yell	7 36 05 3 33 55 4 33 22 3 33 54 1 34 53	92 48 93 3D 91 51	450 260 270 392 682	7 7 7	O A. R Richardson A Mre. Rachel Butler A Hubert Deker A Ark. Forestry Comm A T. P. Sims	C 3 3 3 3
Devile Knoh 1 Dumas 1 Ouros 2 Durham 1 S Eagle Gap	1982 Johnson 2148 Oesha 2150 Oesha 2176 Washington 2204 Scott	1 35 43 2 33 53 2 33 53 7 35 57 1 34 43	91 30 91 30 93 59	162 165 1243	WIO	Earneet C. Campbell Ben Johnson Ark. Pwr & Lgt Co. Goldle E. Brink Maxine M. Hooper	2 3 5 7 C C 3	Stuttgart 9 ESE Subiaco Sugar Grove Taylor	6920 6928 6940	Arkaneae Arkaneae Logan Logan Columbla	1 34 29 7 34 28 1 35 18 1 35 04 4 33 D6	91 25	214 198 500 5D0 247	7A 7 55 7 9	A George L Clark A Univ. of Arkansas A New Subiaco Abbey A O. R. Fennell A Idella O. Norwood	2 3 5 2 3 5 6 C 2 3 5 3
El Dorado CAA AP Eureka Springe Ewening Shade Fayetteville Fayetteville CAA AP	2300 Union 2356 Carroll 2366 Sharp 2442 Washington 2443 Washington	3 33 13 7 36 24 7 36 05 1 36 05 7 36 00	93 44	1465 490 1370	6P 7A 7A 7P 7P	Ophs Folfe	2 3 5 7 C 3 2 3 5	Temarkana WB Airport Turnpike Waldron Walnut Grove Walnut Ridge CAA AP	7262 7486 7524	Willer Pope Scntt Independence Lawrence	4 33 27 1 35 40 1 34 54 7 35 51 7 36 D8	94 0 6 91 21	20H7 675	50 5	D U.S. Weather Bureau P U.S. Forest Service P milliam D. Bivene P A. H Faet D U.S. Civil lero Adm	2 3 5 2 3 5 7 C
Fayetteville Exp. Sta. Flippin CAA AP Fordyce 6 W Foreman Foreeter 4 WNW	2444 Washington 2528 Marion 2540 Oallas 2544 Little River 2556 Scott	7 36 06 7 36 18 3 33 49 4 33 43 1 34 47	92 31 94 24	700 280 400	MIO MIO SP SP MIO	John Yeager	2 3 5 7 2 3 5 2 3 5 2 3 5 C	Warren Wamhita West Fork Wheeling White Rock	7592 7694 7744	Bradley Wontgomery Wamhington Fulten Franklin	3 33 36 3 34 38 7 35 55 7 36 19 1 35 41	93 32 94 11 91 52	810 1340 880	7 11 11	P Charley f Rharp A Nora Lee Mayberry D Effie D. Little D Thomas W. Cone A U.S.Forest Service	2 3 5 3 C C C
Forrest City Fort Smith WB Airport Fort Smith Water Plant Fountain Hill Fulton	2564 St. Francis 2574 Sebastian 2578 Crawford 2598 Ashley 2670 Bempstead	5 35 01 1 35 20 1 35 39 3 33 21 4 33 37	94 22	458	SP 7A		2 3 5 7 C 2 3 5 3 3	Whitecliffs Wileen Winfrey Wing Wynne	7912 7936 7950	Sevier Mississippi Crawford Yell Cross		90 02	1152	M 1 M 1	A L. M Shead A D. O. Anderson D Clyde F. Meadors D Miles B. Turner S Ws. M. Courtney	2 3 5 C C C
Georgetown Gilbert Glenwood Grannis Gravelly	2760 White 2794 Searcy 2842 Pike 2908 Polk 2922 Yell	7 35 07 7 35 59 3 34 20 4 34 14 1 34 53	94 20	920	7A 6P 7A 7A SS 7A 7A	Bessie E. Akors C. Eli Jordan Myrtle I. Price George T. McVay Willie Pendergraea	3 2 3 5 7 C 3 2 3 5 3	Yellville	8084	Marion	7 36 13		760	7	A Glenn R. Neahit	3
Gravette Green Forest Green Mountain Greenbrier Greenwood	2930 Benton 2945 Carroll 2952 Stnne 2962 Faulkner 2976 Sebastien	1 36 24 7 36 20 7 36 02 1 35 14 1 35 13	92 12 92 23	360	7A 7A 7A 8A	Eleon B. Schwidt Obed B. Wilson U.S. Forest Service Thomas E. Cantrell Dorothy W. Been	2 3 5 7 2 3 5 3 3 1	Parks	5591	Scott	1 34 48	93 57	668	7	'A Bomar K Haneard	э
Gurden 3 E Bumpton Bardy Rarrisnn Beber Springe 3 NE	3074 Clark 3098 Calhoun 3132 Sharp 3164 Boone 3228 Cleburne	3 33 54 3 33 32 7 36 19 7 36 14 7 35 32	92 28 91 29 93 07	202 362 1150	MID 6P 6P	Roy S. Robhm Soil Cone. Service Thereaa Donaideon Bea Gray Beene Lester B. Logan	3 3 2 3 5									
Beber Springe 3 SW Bectur Belena Henderenn 2 W Bope 3 NE	3230 Cleburne 3235 Pope 3242 Phillipe 3258 Baxter 3428 Bempstead	7 35 28 1 35 2R 2 34 32 7 36 22 4 33 43	92 5B 90 35 92 16 93 33	580 375	6P 7A	Wayne Stark Irene R. Timko Charley M. Friddell Lucy A. Bentzien Cecil M. Bittle	3 3 5 3 2 3 5 6 C									
Hopper Soratio Bot Springs 1 NNE Buntsville Buttig Oam	3438 Montomgery 3442 Sevier 3466 Garland 3540 Madison 3556 Uninn	3 34 22 4 33 56 3 34 31 7 36 05 3 33 02	93 03 93 44	630 1453	5p 5i	Lona A. Shielde A Elizabeth W. Friday P Natl Park Service D May Pearl Markley A Corpa of Engineera										
Index Jaeper Jessiewille Jonesboro geo	3584 Little River 3600 Newton 3704 Garland 3734 Craighead 3862 Lonoke	4 33 35 7 36 01 3 34 42 7 35 50 1 34 36	93 11 93 04 90 42	857 730 345	7) 71 6P 7/	W. E. McDowell Littic B. Davie M. lma M. Dunn Lenedictine Sistere R. A. Walter	3 3 3 2 3 5 7 2 3 5									
Kingsland 3 SSE Lake City Lamar 2 SW Langley Lead Hill	3904 Cleveland 3998 Craighead 4019 Johnson 4080 Pike 4106 Boone	3 33 50 5 35 49 1 35 26 3 34 19 7 36 24	90 26 93 25 93 51	550	7/ W16	Claude W. Hunter Tressa St. Clair Peach Exp. Station Mahel F. Forreater F. W. Kellogg	C 3 C 3 2 3 5									
Lee Creek Guard Sta. Leola @Little Rock #B Airport Little Rock Filt. Pl. Lost Corner	4116 Crawford 4134 Grant 4248 Pulsaki 4250 Pulsaki 4324 Pope	1 35 42 3 34 10 1 34 44 1 34 46 7 35 34			7/ 7/ M10 MII MIO	O.S. Forest Serwice J. R. Rhodes D.S. Weather Sureau L. R. Water Norks Catherine Ruemell	3	% Continuation of Fores		EVE years						
	1						ine 7. White	A CHRISTON CLOSE OF LOLGI								

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Diffice near you.

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables; but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack zesult in apparent inconsistencies in the record.

Long-term means for full-time stations (tbose sbown in tbe Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

- ons taken at the present location.

 No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 AD Data based on observational day ending before noon.

 B Adjusted to a full month.

 Data for recorded stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.

 D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 D no romore days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station have been adjusted to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

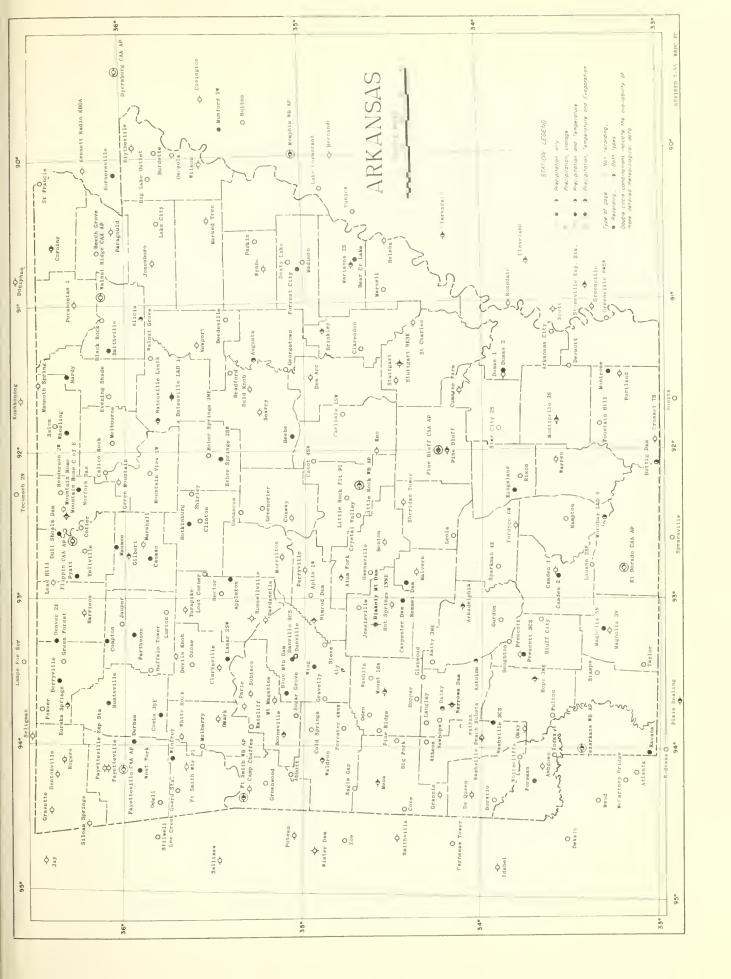
 Trace, an amount too small to measure.

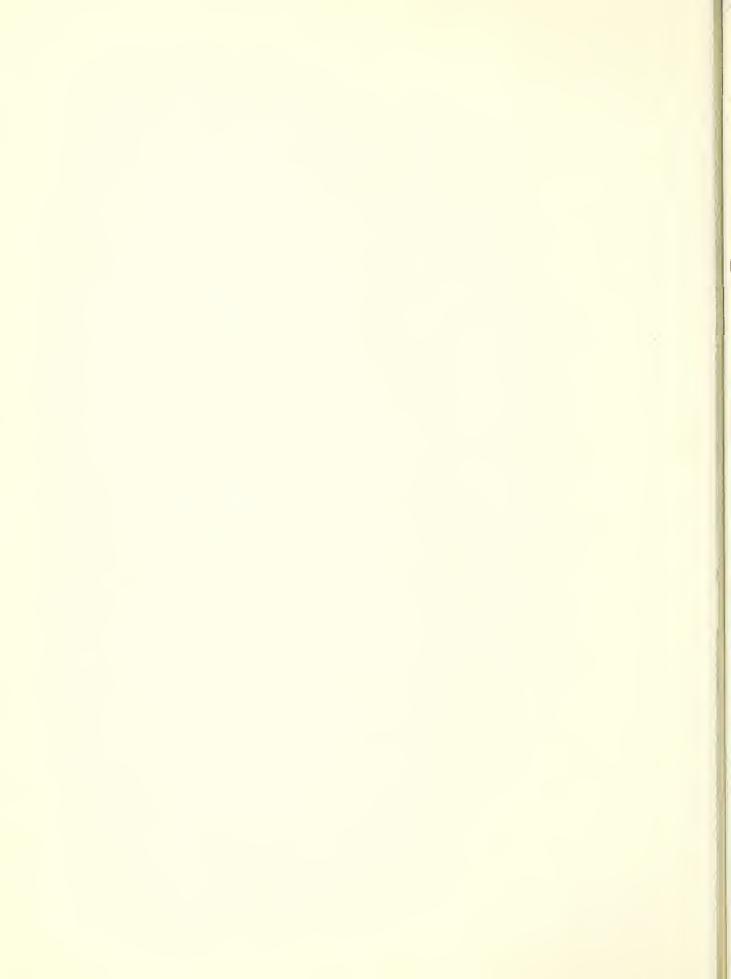
 V Includes total for previous month.

 SS This entry in time of observation column in Station Index means observation made near sunset.

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NWRC. Asheville. N. C. -- 8-6-56 -- 1005





U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

JULY 1956 Volume LXI No. 7



ARKANSAS - JULY 1956

WEATHER SUMMARY

Mid-summer heat persisted through most of the month. Scattered localities received torrential rains but most areas received less than seasonal precipitation. The agricultural situation continued favorable in some localities but dry weather and extreme heat caused crop deterioration over much of the State.

Most July days were hotter than seasonal. Temperatures at several stations reached 90° or higher on every day of the month. Especially high temperatures prevailed during the first week, on the 13th to 16th, and on the 26th and 27th. Most stations registered their highest temperatures on one or more of those days. Monthly maximum temperatures were in the low 90° s at several high elevation stations but were in the upper 90° s over much of the State and were 100° or higher over the southwest and at a few stations elsewhere. The highest temperature for the State, 105° , occurred at Paris on the 15th. Cool mornings were rare. Minimum temperatures were in the 60° s and 70° s on most days. In general, the coolest days were the 10th, 11th, 18th, 19th, 22d to 24th, and 29th. Most stations registered their lowest temperatures on the 10th or 11th. Several southern stations registered their lowest temperatures on the 20th, 23d, 28th, or 29th. Monthly minimums were in the 60° s over the southern half of the State and in the 50° s at most stations in the northern half. Monthly minimums ranged from 49° at Gravette on the 10th to 67° at Camden 1 on the 11th and 23d and at Texarkana on the 20th. Monthly mean temperatures ranged from 76.5° at Turnpike to 84.7° at Texarkana. Monthly mean temperatures were slightly higher than their long-term means at most stations. Monthly temperature departures ranged from -1.0° at Lead Hill to $+3.2^\circ$ at De Queen.

Very little precipitation fell during the first two weeks of July except on the late evening of the 8th and the early morning of the 9th when violent thunderstorms dumped torrential rains in central sections of the State. Hot Springs received 5.03 inches during the downpour. Local light showers occurred almost daily from the 16th to 25th. Some stations received generous showers on the 21st, 22d, 23d, and 24th. A few widely scattered local showers occurred during the last week. Many stations received no rain during this period; others received an inch or more. Monthly totals ranged from 0.30 inch at Brinkley to 8.64 inches at Hot Springs. Some counties received over five inches of rain during the month; others received less than three inches. Precipitation over several west central counties and a number of counties in the extreme northwest and north central parts received more than the long-term means for the stations. Elsewhere, most stations received less than the their long-term means. Some especially dry areas were the De Queen and Hope vicinities, the Brinkley locality, and a narrow strip along the eastern edge of the State from Marianna 2 S northward to Blytheville.

Hot dry weather during the latter part of July depleted the soil moisture over much of the State. Local showers during the month were helpful in some areas but most areas needed good general rains. Irrigation increased. The hot dry weather lessened the boll weevil activity in the northeast but boll weevils and boll worms increased in many counties in spite of regularly scheduled control measures. Early rice was heading and prospects were promising. Soybeans bloomed heavily over much of east central and southeast Arkansas but the hot dry weather prevented the setting of pods in many fields. Most fields needed rain. Late feed and hay crops also needed rains. Corn fired badly and sorghum grew slowly. Many fields of corn were cut for silage. Pastures declined and milk production decreased. The harvest of Elberta peaches neared completion.

STORMS

Crops in Yell, Garland, Grant, Hot Spring, Jefferson, Monroe, and Perry Counties sustained moderate damage from hail and high winds on the evening of the 8th. During the early afternoon of the 17th, a man was killed by lightning in the Little Rock vicinity. Lightning also killed a few cattle and hail caused considerable damage to cotton and other crops near Scott. Wind damaged trees considerably. On the afternoon of the 19th, strong winds damaged peach trees severely in Howard County. Hail caused moderate damage six miles southeast of Scott, Pulaski County, on the early afternoon of the 21st. Strong winds caused slight damage to roofs and trees in Poinsett and Mississippi Counties on the afternoon of the 21st. A girl was killed on that afternoon by a falling tree.

Lucius W. Dye, Climatologist Weather Records Processing Cent U. S. Weather Bureau Kansas City, Missouri

	Wind	direction		Wind m.	speed p. h		Relati	ve hum	dity ave	rages		Numl	oer of d	sys with	precipi	itation			
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6130A CST	12:30P CST	6:30P CST	Trace	60'-10'	10-49	20-99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average aky cover
ORT SMITH W8 AIRPORT	NE	21	7.2	30	W	19	76	85	49	49	4	2	3	0	1	0	10	74	5.0
ITTLE ROCK W8 AIRPORT	SW	18	8.7	40	NW	28	79	83	54	60	4	4	0	1	3	0	12	78	5.3
EXARKANA WB Alrport	-	-	-	-	-	-	-	84	-	-	2	2	2	2	0	0	8	-	-

CLIMATOLOGICAL DATA

TABLE 2

					Ten	npera	ture							Τ			P	recip	itation					
										85	No	of l	Days	T			A		Snow	, Sle	e t	No	of D	ays
Station		. 4	. E		rture Long- Mean					Days	Max	,	Min	1.		ong	t Day			r. Depth Ground		More	More	
		Аvетаде Махітит	Average Minimum	Average	Departure from Long Term Mean	Highest	Date	Lowest	Date	Degree	90° or Abova	Below	Below O of	Below	Total	Departure from Long- Term Mean	Greatest	Date	Total	Max. Do	Date	10 or M	or	ar More
HIGHLAND DIVISION								-				+	+	+								1	H	-
ALUM FORK ASHDOWN BENTON BENTON BENTON BENTON CAMP CHAFFEE CLARKSVILLE CONWAY DADDANELLE OC OUEEN OEVILS KNOB EUREKA SPRINGS FAVETIEVILLE FAVETIEVIL	AM	93.3 98.3 98.3 91.1 97.2 95.5 95.9 95.1 90.8 97.2 90.2 90.2 90.2 90.2 90.2 90.3 91.1 92.5 94.7 91.0 91.8 94.5 94.5 94.5 94.5 93.6 93.6 93.6 94.7 91.0 94.7 91.0 95.6 95.7 96.6 96.7 96.6 96.7 96.6 96.7 96.6 96.7 96.6 96.7 96.6 96.7 96.6 96.7 96.6 96.7 96.6 96.7 96.6 96.7 96.6 96.7 96.6 96.7 96.6 96.7 96.7 96.6 96.7 96.6 96.7 96.6 96.7 96.6 96.7 96.7 96.6 96.7 96.6 96.7	68.6 70.6 65.2 70.1 69.8 68.4 67.0 67.0 67.0 67.0 67.0 68.6 66.1 67.1 68.6 66.1 67.1 67.1 68.6 66.1 67.1 67.1 68.6 67.1 68.6	81.0 84.5 80.2 83.7 82.2 82.2 82.4 82.1 84.3 77.1 84.3 78.2 78.9 83.7 78.5 78.9 83.7 78.9 83.7 84.7 85.7	0.88 -0.2 -0.2 -0.2 -0.2 -0.3 -0.1 -0.1 -0.8 -0.9 -1.0 -0.9 -1.0 -0.8 -0.5 -0.2 -1.3 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1	104 105 101 97 100 98 98 102	4+ 15+ 15 8 15+	630 600 588 600 560 600 588 552 552 552 552 552 552 552 552 552	22 20 11 11 10 10 10 11 11 10 10 10 10 10 10	000000000000000000000000000000000000000	29 31 29 29 28 21 27 29 22 27 31	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	4.05 1.84 3.24 3.29 1.16 2.43 2.51 2.92 4.05 5.51 4.05 5.62 4.05 5.62 4.05 6.62 3.85 4.05 6.62 3.85 6.62 3.85 6.62 3.85 6.62 3.85 6.62 6.63 6.64 6.64 6.75	0.85 0.00 - 0.99 - 0.46 - 3.04 1.80 0.20 - 0.63 2.14 2.86 0.34 - 2.86 0.34 - 2.86 0.34 - 2.68 0.78 0.22 - 1.54 - 2.20 - 2.64 - 1.04 - 1.04 - 1.04 - 1.04 - 1.04 - 1.04 - 1.04 - 1.04 - 1.04 - 1.04 - 1.04 - 1.04 - 1.04 - 1.06 - 0.86 - 1.96 0.45 0.62	2.10 1.01 2.16 0.37 1.11 0.77 0.64 2.20 2.71 2.81 1.90 1.10 1.61 1.51 1.47 1.18 0.70 2.30 1.15 1.50 3.14 2.30 0.58 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50	19 24 23 22 24 31 65 31 82 82 66				434444473276875743935 6285449 737667556644435566444584	33211322 3044422242333412221022231223	1 1 1 1 0 0 1 0 0 2 2 2 2 2 1 1 1 1 1 2 2 0 0 1 1 1 2 2 0 0 0 1 1 1 0 0 0 0
DIVISION				81.0											3 • 29				0.0					
DELTA OIVISION ARKAOELPHIA		94.84	69.9	82.4M	1.2				11	0		0		0	4.90	1.19	1 • 70	28	0.0	0		9		1
BALO KNOB BATESVILLE LIVESTOCK BATESVILLE L ANO 0 NO 1 BLYTHEVILLE BRINKLEY CAMDEN 1 CORNING CROSSETT 7 S CUMMINS FARM DES ARC DUMAS 1 EL OGRADO CAA AP FORGYCE 6 W MELENA	Д ^М Д М Д М	93.7 93.1 93.3 93.4 95.1 96.1 93.3 94.9 93.8 97.2 94.6 95.6	66.8 64.1 68.1 68.8 70.5 67.7 69.2 69.1 66.7 71.6 71.7 70.3 M	80 · 3 78 · 6 80 · 7 8C · 8 82 · 0 83 · 3 80 · 5 82 · 1 81 · 5 79 · 9 84 · 4 83 · 2 83 · 0 83 · 2	- 0.7 1.0 1.8 0.4 0.5	97 100 102 98	16 15 26 27 18+ 15+ 30 3+ 26 17 17+	52 52 54 57 54 67 56 65 62 56 63 66	11 11 11 11 11+ 10 11+ 11 11 11	000000000000000000000000000000000000000	23 26 26 30 30 27 30 29 28 31 30 30	00000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000	1.27 3.70 3.16 0.52 0.30 2.94 I.61 4.41 3.52 3.20 4.66 2.13 3.38 2.43	0.32 - 2.67 - 3.98 - 1.12 - 1.97 - 0.21 0.68 - 2.31 - 0.04 - 1.42	0.68 1.78 0.98 0.22 0.30 2.86 0.51 3.39 1.02 0.88 1.63 0.75 1.55	9 23 5 22 22 28	0.0			5 8 2 1 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2 0 1 1 1 4 3 3 3	0 1 0 0 0 0 1 0 1 0 0 2 0 1 1 1

	Temperature														P	recip	itation					
									55	No.	of Da	ays			ay		Snow	, Slee	et	No.	of Day	
Station	Average Maximum	Average Minimum	Ачегаде	Departure from Long- Term Mean	Highest	Date	Lowest	Date	Degree Day	Max.	+	Min.	Total	Departure from Long- Term Mean	Greatest Da	Date	Total	Max. Depth on Ground	Date	ö	.50 or More	
JONESBORO KEO MAGNOLIA 3 N MARIANNA 2 S MARKED TREE MONTICELLO 3 S NEWPORT PARAGOULD PINE BLUFF PINE BLUFF PINE BLUFF POCAHONTAS 1 PORTLAND PORTLAND AM PRESCOTT SAINT CHARLES AM SEARCY STUITGART STUITGART 9 ESE WALNUT RIDGE CAA AP WARREN WILSON WYNNE DIVISION	93.9 92.9 97.5 93.9M 92.7 94.4 94.7 96.6 94.3 93.37 94.8 95.2 92.5 91.5 96.0 94.4	71.6 688.5 70.0 68.5 68.9 69.0 67.5 72.2 69.9 70.2 69.9 70.4 69.3 71.2 69.3 71.2 69.3 69.3 71.2	82.8 80.8 83.8 81.2 80.8 81.7 81.1 84.4 82.6 81.5 83.2 82.1 82.1 82.1 83.2 80.9 80.9 80.9 80.9	0.0	97 98 101 102 99 98 102 99 100 97 97 100 99	26 25+ 4+ 5+ 15 25+ 25 28 4+ 26 22 4+ 15+	62 60 65 54 56 60 56 64 61 61 60 62 57 54	11 20 11 11 29 11 11 11 11 11 11 11 11 11 11 11 11 11	0000	31 (28 (26 (29 (27 (27 (27 (27 (27 (27 (27 (27 (27 (27		000000000000000000000000000000000000000	2.51 3.42 1.43 0.77 1.02 2.45 1.79 2.42 3.42 1.95 3.90 2.36 3.79 3.63 2.36 0.70 1.64	- 0.72: - 2.58: - 2.62: - 1.86: - 0.77: - 1.81: - 1.559 - 0.59: 0.00 - 0.46: - 1.71 - 2.74 - 1.92	1.68 0.85 0.61 10.45 0.50 1.35 0.92 0.88 0.57 2.00 1.20 1.20 1.20 1.20 1.20 0.50 2.00 1.20 0.50 1.20 0.50 1.20 0.50 1.20 0.50 1.20 0.50 1.20 0.50 1.20 0.50 1.20 0.50 1.20 0.50 1.20 0.50 1.20 0.50 1.20 0.50 1.20 0.50 1.20 0.50 1.20 0.50 1.20 0.50 1.20 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0	19 9 19 22 25 20 9 28 19+ 9 31 22 9 9 23 19 24		0000000 0000000000000		3 7 3 2 4 2 4 3 5 8 5 3 6 4 5 5 10 4 1 4 1 4 1 4 1 4 1 4 1 1 4 4 1 4 1	1 1 2 0 0 1 0 0 0 1 1 0 0 1 1 1 1 1 1 1	

DAILY PRECIPITATION

Table	3			

Table 3																															1.14
Station	Total	1 2	3	4	5	6	7	8	9	10	11	12		y of m		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ABBOTT ALICIA	3.00				3.00			Ţ	.30	1			-	.39				.64		:5			.17						. ~		
ALUM FORK ALY AMITY 3 NE	4.05 2.06 3.53				• 45	.32	.47		2.10 .28 1.07									*1	. ,					. 1				-10	• [*		
ANTOINE ARLIN 1 ~ ARKADELRHIA	1.70			.1^					1.23											. 1											
ARKADEURHIA ARKANSAS CITY ASHDOWN	2.37 1.84				•55			.80	1.5	+03 +06							• 1	• 16	+40	1			* *()					٠	::.		
ATHENS AUGUSTA	5.26					.28	T	. 18	.56								r	1. '	: 11	• 3tt	(1	. ' "	n 40								
BALD KNOB BATESVILLE LIVETTOCK BATESVILLE L AND TO NO 1	1.27 3.70 3.16				1.78			.14 .20 .18	.10				T	.06 .12	1 1			r		31		• 4 4	• ^								
SEATY LAKE	3.57				7			. 15	. 40				,	t			r	T	4 4 A		. 11	1							-00		
BEECH GROVE BEEDEVILLE BENTON	2.44 .75 3.24				•33	3	.25	• 05 • 05	.16									,	. 9	. 421	.:)										
RENTONVILLE BERRYVILLE 4 NA	3.29							.06						.0.		. 4			-0	•10		• H									
RIG FORK BIG LAKE OUTLET BLACK ROCK	1.35				+38	*23		.06 T	7.16				T	.19				.1.7	. '	- 1	. 14	*45	,		٠						
RLAKELY MOUNTAIN DAM	3.54				• 23	7	•06		3.08														٠		. /						
BOONEVILLE BOUNEVILLE BOUGHTON	.52 1.16 .88								.02 .45			. 1,5		+2.	T	т		- (1)	.11	Ť	• ^ 4	* 2	.15	. 17							
BRADFORD BRINK EY	1.58							• ∩ B	142 T										т	. **	;	•. •		ī					+1		
BURFALO TOWER BURDETTE CABOT 4 SW	4.08 .71 2.45				•53		. 98		1.06							+14		*	. ^		.1 /	•6.	1.1						•		
CALICO ROCK CAMDEN 1	4+0				• 86			.64	2.86					+17						. 1	. 0	***	.11	. /					:		
CAMP CHAFFEE CARLISLE 1 SW CLARENDON	2 • 16 5 • 53 4 • 67				+24 +76	T			1.45	. 15								.50	111			1+11 +72 +11	**	٠							
CLARKSVILLE CLINTON COLD SPRINGS	2 • 43			+32	. ' '			.06												. 3 3		. 1	a. 5								
COLD SPRINGS CONWAY CORMING	4 • 26 2 • 51 1 • 61			•01	•14 •10	• 72		.11	.25					,		т		: 71	. 16	.5		• 15 • 48 • 24	. 1					. 4			
COTTER	3.88			-	-	-	-	-	1.14	-							- +4"		-	.26	-		-			-					
CROSSETT 7 S CRYSTAL VALLEY CUMMINS FARM	5.35 3.52		• 0 5		• D 8	.15		*17	3.39 1.95 .64	•02							. ?	• ^ "	T	. 7		.68	.17 [.								
DAISY DAMASCUS	1.06			.05	.03	-14	.73	Ť	. 43								•	: 51	. J:	. 2	. 4	, is		. 1							
DANVILLE DAROANELLE DF QUEEN	4.04 2.92 .95				+0 l	T			1.40 2.20 .62	T								T		.05			. 11		.1				4 14	. 1	
OERMOTT DES ARC	1.99				.68			7	1.11									., -	• ~ =	.54 .45	7			т	* ^/						
DEVILS KNOB OUMAS 1 EAGLE GAR	6.03 4.66		_		- 28	•06	1.50	. 40	2 + 71									• 4 -		s 4		1.6	• 6	1					• * /	٠.	
EL DORADO CAA AP EURFKA SRRINGS	2+13 5+51			т				+17	. 56	•05									. 5	. 1		.111	-30	e Rie							.7
FAVETTEVILLE FAVETTEVILLE CAA 4P	5.17 4.92 4.05			.25	• 76	.18		+45 T	τ			T		†		:				* 1 ^ * ! * " .	.10	• 4 4									
FAYETTEVILLE EXP STA FLIRRIN CAA AP	1.90			. 44 T	- 1	• 28		. 28				Ţ	.17	, .					. 34		. 1 -	1.0		٠							
FORDYCE 6 W FORT SMITH WB AP FT SMITH WATER PLANT	3.08 1.93 2.54			.18	•09				+11	. 51	T	. 32				٠			, ·			. • •							+ 34	•	
FOUNTAIN HILL FULTON	- 82				-	-	.0.	-	- , - ,			-		-					-					•	-			-	.1.		.10
GEORGETOWN Glubert GLENWOOD	1.18 5.02 3.16				1.18		1,77	. 2 9	. 42							• "		† • L =	. 16		. 1	* *		1 .							
GRANNIS GRAVELLY	1.69					. 56	• ^ /			6								:							: "						
GRAVETTE GREEN FOREST GREEN MOUNTAIN	6.62		-	-	-15		-	- 01		4.						i		-	-	-	-	-	1								
GREENWOOD GURDON 3 E	2.86		- 1	. 15			-	-		-	.31							10	-				î								
HAMRION HARRISON	:.78 3.33 3.50			•02		• 15	. 10	4 12	6)										.:	-										* *	-1
MEBER SRRINGS 3 NE HECTOR	4.45				1.10		. 39	.33 .03	. 1				1.43					11.00	.34	1	: ,		40	. 14	T						
HELENA HENDERSON 2 W HORE 3 NE	2.43 4.26 .60				.30			. 51	.41					+24		٠			• 1	*1"	.14	. •	+ 40 81								
HOPRER HORATIO HOT SPRINGS 1 NNE	2 • 16				. 70	.04 .53												• 1)		* 1					. 1				:		
HUTTIG OAM INDEX	8 • 6 4 3 • 1 4 • 90					•00	.55		.41										. 5												
JASRER JESS 1EVILLE JONESBORO	3.45 7.46				*17 2*10	.20	•92 •64	•11 •56	3.15					.11	. 68			g /s		• 45	. ,	***									
LAKE CITY	2 • 5 1 3 • 4 2 3 • 0 3				•09			.30	. 77								. 4		.85	* 4 h	:-		•	:			•	115			
LANGLEY LEAD HILL LEE CREEK	4.79 5.62 3.64			ī	+03	•10	Т		. 35											. 4	. 41)	1.69			-11						
LEOLA LITTLE ROCK WB AR R//	1.20				.66	.1^		1.074	. 14																			***			
LITTLE ROCK FILTER RL LOST COPNER LOUANN 2 SE	4.79 4.04 2.98				* 2 1 • 1 2		1.30	1 + 42	2.15								+54		. 5		. /							-			
LURTON MADISON	4.98				1+66	* 4 "		T	• 15 • 36										. 5	. '		l;l·						٠			
MAGNOLIA 3 N MALVERN MAMMOTH SERING	1.43 4.87 5.54				1.93			. 33	.61 3.28					.36					. 4		- 1		14	:,					. (.		
WARIANNA 2 S WARKED TREE	1.75								.05	.08				Ť					. 45		. 4			. 11	.11						

Bee reference nates following Station Inde

DAILY PRECIPITATION

Table	3-1	Con	time	hai

ARKAN5AS

Table 3—Continued	Ta	T		_																												JULY	
Station	Total	1	2		3	4	5	6	7	8	9	10	11	12	13	ly of r	nonth 15	16	17	18	19	20	21	22	00	0.4	25						
MARSHALL MARVELL MELBOURNE MENA MONTICFLLO 3 S	2.50 1.98 3.86 6.46 1.02	8						•03		•13	-			12	10	.13	13	10	T	1.98	.58	•05	_	.95	23	.47 1.29 1.35	.22	.39	27	•06	.31		31
MOROBAY L AND D NO 8 MORFILTON MOUNT IDA MOUNT MAGAZING MOUNTAIN HOME	1.55 1.56 4.28 3.62 3.74	3					.20	•03 •35 •32		T	1.42 .09 1.29			Т	т	•22		T •02		•15 •44 •05	•04	•09	•20	.56 .58 1.55	1.40	• 62 • 22:	T T	• 0 2 T			T .54 .84	.06	T 1.13
MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY 6 NNE NARROWS DAM NASHVILLE PEACH SUBSTA	4.72 5.12 1.31 1.67 2.08						.27 2.00 .17	T • 15		.65 .75	T .77			• 1 8	Т	•19	•04	Т	T	T •14	T	1 •42 •29 •30	.22	1.34	.54	1.43	T .03	•05	Ŧ	т	.09 .04 T		
NATHAN 4 WNW NEWHORF 3 E NEWRORT NIMROD DAM ODELL	.80 2.06 2.45 6.55						T •16 •36	1.10		Т	•55 •36 •45 4•80			•15			т	т		• 60 T	Ŧ	.15 1.35 .83	•06	•45	• 45	.10 .14 .40	•03			Т			.79
ODEN 2 W OKAY OSCFOLA OWENSVILLE OZARK	4.78 2.06 .61 3.87						.28	.60 .18	•01	т	2.12 .48 2.45 .06		•04					т		1.53 .05	T T	*46 *12 T	•15	T	•27	.49 .32 .03	* 0 4				•47	• 49	
OZONE RARAGOULD RARIS PARKIN PARKS	4.61 - 1.51 1.88 5.20	-	-	-		-	95	- 22	• 32 -	-	.45 .13 .45	-	-	Ť	-	-	-	Ţ	-	- T •98	• 03	•04 - •51 •22	- 14	•24 •53 •56	•40	- •19	•06	-		-	.05 .05 .22 1.65	T -	<u>T</u>
PERRYVILLS PINE BLUFF RINE BLUFF PINE RIDGE POCAHONIAS 1	1.61 1.79 2.05 3.95 2.42					Т	. 35	.17	• 32	.47	.53 .92 .29 2.12					•22				•71 •05 •14 •28	.09 .04	•04 •30	T .09	.12	•13	•29		•05	•21	.03 .08 .88	.44	.08	• 02
PORTLAND PPESCOTT RATCLIFF PISON ROGERS	3.42 1.95 2.11 2.74 2.64	Т				т		• 75			2.00 .27 2.53			•07				т		т		•30 •40	T		.08		• 12	Т		.82	.18 .25 .42 .15		T 1.20
RUSSFLEVILLE SAINT CHARLES SAINT FRANCIS SALFM SFARCY	2.34 3.90 1.39 6.31 2.36						•60 •32			• 34 • 12	1.42			Ŧ		1.57		.03		•93 •21	•31 •07	• 37 • 15 • 24 • 46	1 •02 •22 •49	.36 1.15	.10 1.03	.10 T				T .06	.08	т	.30
SHERIDAN TOWER SHIRLFY 3 SF SILOAM SPRINGS SRARKMAN 4 E STAMPS	2.00 5.97 2.64 2.80						•14 •56 T			.89 .06	1.55	•03						Т			*07 T	.04 .45 1.25	• 53	•39	•13 •01 •72	. 83 1.13	•03		1.90	•11 •30	.88	• 13	
STAP CITY 2 S STEVE STUTTGAPT STUTTGAPT 9 FSE SHRIACO	2.05 3.87 3.79 3.63 2.31						.86 .17 .02	•03			1.30 1.67 1.27 1.37	Т								• 65	• 75	+04 +02	• 91	.66 .35	•40	.72 .02	• , ,	•03			.62		• 35 • 35
SUGAR GPOVE TAYLOR TEXARKANA WB AR R// TURNPIKE WALDRON	2.22 .43 1.98 2.73 3.49				T		•07 •97 1			т	.30 .27 .27			.08					T • 40	T •06	.25	• 25 • 16		•50 •33 •91	.10	.30			. 47		.50	•01	.81
WALNUT GROVE WALNUT PIDGE CAA AR WARPEN PASMITA WHITE POCK	3.57 2.34 5.60 2.30 2.02						•98 •25 T			• 23 • 24 • 06	.96	• 30		.27	• 12	T . 1 1				T .30	.35 .01 2.94	•12	. 22	*14 *04 T	.57 .52 T	.50 .25 T				•10 •37 1•30		т	T
WHITECLIFFS WILSON WYNNE YFLLVILLE	1.31 .70 1.64 2.90					-	• 1 6			•61 •06	• 22										•52	T •09	. 33		• 43	.10				•98			.60

ARKANS DAILY TEMPERATURES ULY 1956 Table 5 Day Of Month Station 23 24 25 26 27 | 28 29 30 13 20 21 22 3 12 14 16 17 18 19 ALUM FORK ARKADELPH1A MAX M1N ASHDOWN 94 73 BALO KNOB 89 61 BATESVILLE LIVESTOCK MAX MIN BATESVILLE L AND D NO 1 92.6 MAX MIN 94 65 BENTONVILLE 96 72 95 65 86 58 95 71 96 72 BLYTHEVILLE 98 66 100 99 75 94 69 MAX MIN 98 70 BOONEVILLE BRINKLEY 94 75 CAMDEN 1 101 CAMP CHAFFEE 96 70 93 60 91 67 88 58 97 65 98 70 MAX M1N CLARKSVILLE 98 79 95 66 98 66 96 71 CONWAY 98 70 93 67 93.3 90 58 95 76 CORNING 98 67 94 73 CROSSETT 7 S 96 70 95 70 95 89 64 89 62 CUMMINS FARM 93 70 95 76 95 79 96 75 DAROANELLE MAX 98 97 68 71 DE QUEEN 98 67 99 65 93.8 92 88 63 86 65 DEVILS KNOB 96 70 98 98 75 91 DUMAS 1 90 69 96 76 EL OORADO CAA AP 78 66 92 72 96 76 96 71 91 61 EUREKA SPRINGS 95 66 90.8 88 62 MAX MIN FAYETTEVILLE FAYETTEVILLE CAA AP 90 68 FAYFITEVILLE EXP STA

> 95 70

> > 94 71

MAX 98 MIN 71

MAX MIN

MAX

MAX

92 73

94 94 65 64

FLIPPIN CAA AP

FT SMITH WATER PLANT

FORT SMITH WB AP

GILBERT

GRANNIS GRAVETTE

HARRISON

HELENA

HOPE 3 NE

GREEN MOUNTAIN

Table 5 - Continued						-									I	Day	Of M	onth														T	age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28 2	29 3	0 31		Average
HOT SPRINGS 1 NNE	MAX	9 7 75	98 76	99 76	98 75	95 70	9 5	9 7 70	97 77	93 66	88 65	88 65	95 75	95 76	9 7 7 7	99 78	95 77	100 71	90 71	93 68	95 66	92 74	92 70	92 68	90 70	97 70	97 75	89 76	91 69	95 68	93 9 73 7	8 9	71.8
JONESBORO	MAX MIN	95 72	96 74	95 75	98 76	91 70	90 70	95 71	91 70	91 73	87 62	90 63	95 68	97 78	97 71	99 72	95 77	96 76	93 71	95 69	91 67	92 66	86 67	86 71	90 70	96 72	101 75	99 76	99 74		92 9 72		71.6
KEO	MAX	93 68	94 70	95 70	97 70	95 70	92 69	95 69	93 66	91 65	84 61	88 60	93 69	93 73	95 76	95 73	93 74	95 67	88 69	90 66	90 67	96 68	89 66	91 67	90 69	96 67	100 69	95 72	97 71	91 66			92.9 58.7
LEAO HILL	MAX	94 66	94 65	95 69	96 68	93 65	94 67	94 66	91 66	86 61	85 52	88 52	92 69	95 73	96 69	71	99 70	97 6 9	90 62	95 64	95 61	91 60	83 61	80 67	8 8 6 4	96 62	98 65	96 66	97 70	91 68	93 67		92.8
LITTLE ROCK WB AP	MAX MIN	94 73	94 73	96 75	98 73	96 73	93 74	95 73	93 68	91 69	86 67	89 65	93 71	94 76	95 77	96 78	92 76	94 69	87 69	92 68	94 70	97 72	89 72	90 68	89 71	97 71	9 9 74	96 76	97 69	9 3 69			71.8
MAGNOLIA 3 N	MAX MIN	95 70	96 71	97 72	97 70	98 67	99 66	99 68	100 72	97 69	90 66	93 67	96 70	96 71	98 73	99 73	100 72	100 75	98 73	100 73	99 65	100	98 68	95 66	94 70	101 70	101 70	93 74	100 71	98 66	99 71		70.0
MALVERN	MAX MIN	94 69	94 69	96 71	97 68	94 72	94 68	96 70	95 72	92 65	88 64	89 64	94 70	95 70	96 74	96 76	95 69	96 69	90 73	93 67	94 65	96 69	92 67	93 67	91 70	98 67	99 70	95 73	97 71	94 66			94.2
MAMMOTH SPRING	MAX	95	97	97 76	96 70	94 69	94 70	95 64	90 65	87 64	86 54	91 55	93 65	92 76	94 67	97 70	91 70	92 70	91 63	91 67	84 62	88 66	84 62	93 65	88	95 63	98 67	97 69	9 6 68	91 69			92.4
MARIANNA 2 S	MAX	95 70	96 71	97 70		97 71	94 71	95 69	94 70	91 68	88 60	89 54	92 71	94 74	95 75	98 75	95	95 69	91 67	92 67	93 66	92 67	90 65	89 65	92 69	96 67	96 71	97 72	96 67	96 67			93.9 68.5
MARKEO TREE	MAX	94 70	95 70	94 71	97 72	93 72	90 70	94 68	90 70	90 70	85 59	87 56	94 67	95 76	96 72	97 75	94 74	96 74	91 69	95 61	90 64	91 65	88 60	85 69	89 71	94 68	97 72	97 73	97 70	92 68		96 9	92 • 7 68•9
MARSHALL	MAX	92 71	92 72	95 75	93 69	90 65	91 66	92 65	87 64	86 60	83 53	88 52	91 61	94 77	97 72	98 79	97 72	95 68	88 66	89 64	90 60	90 64	85 63	82 65	86 66	95 62	97 70	95 69	95 70	90 63			91.3 66.4
MENA	MAX	93 71	95 72	97 73	97 72	95 70	93 66	96 68	101 75	91 69	88 66	88 65	93 71	92 74	95 73	96 73	96 74	97 70	86 69	91 67	91 64	95 69	94 71	91 70	86 68	95 70	94 73	88 74	95 73	88 66			93.0 70.1
MONTICELLO 3 5	MAX	94 69	95 70	97 70	97 69	98 69	98 68	97 73	97 66	92 66	89 68	90 62	93 64	92 74	92 72	95 72	9 5 69	98 69	95 73	97 70	96 68	94 69	93 70	91 66	8 9 6 8	98 71	96 72	95 72	95 71	91 60			94.4 69.0
MORRILTON	MAX MIN	95 69	96 70	98 72	98 69	98 70	96 68	97 68	96 69	94 69	88 59	92 58	99 69	96 76	98 80	100 77	100 77	96 73	91 72	94 67	96 69	101 68	90 66	89 70	92 69	99 68	100 70	95 71	96 75	95 67	90 1 70		95.6 69.8
MOUNT 10A	MAX	95 69	96 69	98 70	98 67	96 71	95 64	96 65	97 68	96 64	94 63	88 61	95 69	95 70	97 7 8	98 79	99 78	101	90	96 67	95 65	99 66	92 64	94 64	92 65	100	100 67	91 70	98 68	94 67			95.7 67.9
MOUNT MAGAZINE	MAX	86 79	87 76	8 7 70	87 70	87 69	83	88 68	88 73	85 73	85 74	79 70	87 73	89 69	90 77	93 79	91 73	89 73	78 68	86 65	89 65	92 71	79 61	79 61	83 62	89 65	90 78	86 72	85 72	80 65			86.1 70.1
MOUNTAIN HOME	MAX	92 68	92 69	92 72	93 71	90 69	91 70	91 68	89 64	83 57	82 56	87 57	91 68	92 72	94	97 74	94 71	92 74	87 66	89 65	89 64	88 61	86 62	80 6 7	84 66	93 65	95 70	94 72	94 72	89 6 9			90 • 1 67 • 4
MOUNTAIN HOME C OF ENG	MAX MIN	93 68	93 67	93 71	92 69	94 68	91 70	90 67	90 65	89 65	84 55	84 55	86 67	91 73	92 6 9	95 72	97 70	95 72	91 64	86 65	90 63	90 62	89 63	82 63	80 67	85 63	95 67	96 70	95 70	95 70			90.4
NARROWS OAM	MAX	97 64	97 65	97 67	98 66	98 68	99	98 68	100	100	94 64	91 64	91 65	96 70	96 70	98 67	99 67	98 67	101	96 70	98 61	96 64	100	95 64	96 69	96 64	100	100	94 67	98 67			97.0 66.6
NASHVILLE PEACH SUBSTA	MAX	94 66	93 68	94 71	96 67	96 69	97 66	97 70	98 69	100	92 68	90 66	90 66	97 70	96 70	98 71	100	101 73	101	99 69	98 64	97 65	100	96 65	96 68	89 66	100	100	92 68	100			96.6 68.3
NEWPORT	MAX	96 68	97 68	95 70	99 70	93 68	94 69	97 67	92 66	91 68	8 7 60	91 56	95 6 6	98 71	99 70	101	95 72	97 74	8 8 6 8	97 65	93 63	93 62	88 65	88 64	91 68	97 69	100 70	98 71	98 68	95 65			94.7 67.5
NIMROO DAM	MAX	98 71	97 71	99 72	100	99 68	97 68	98 67	99 71	98 66	92 58	86 59	90 69	95 77	95 78	97 75	100 76	93 70	96 70	98 67	93 66	94 66	97 69	92 70	89 68	91 67	99 70	98 71	93 73	93 68			9 5.3 69.2
OKAY	MAX MIN	94 72	95 72	95 75	95 73	98 72	99	98 71	100	100	92 71	91 68	96 71	96 74	97 74	98 76	100 76	99 74	98 74	97 70	99 65	100 70	97 6 9	96 69	95 71	101	100 70	95 75	101 72	99 68			97.3 71.4
OZARK	MAX MIN	94 69	95 69	96 72	94 70	95 69	95 68	98 72	97 75	95 69	90 59	90 64	101	100	103 75	104 72	102 71		91 72	96 70	99 65	101	86 70	88 69	93 66	102	103	100	102 73	99 67	100 1 71		97 .3 69 . 4
PARAGOULO	MAX MIN																																
PARIS	MAX	97 67	98 68	99 71	97 70	98 70	97 68	99 68	99 75	94 68	90 58	94 59	102	100	101 79	105	101 76		88 72	96 68	99 66	103	87 67	91 69	93 67	100	101 70	98 70	99 71	95 67	97 1 69		97.4 69.1
PERRYVILLE	MAX	96 65	97 68	98 70	98 71	92 65	96 67	97 65	95 68	94 65	89 58	89	92	94 69	98 70	98 72	96 69	96 69	95 72	99 69	98 68	97 70	96 68	89 67	95 61	98 64	101	98 71	97 68	94 64			95.6 67.4
PINE SLUFF	MAX	96 74	97 75	9 8 75	99 73	98 74	99 72	99 72		92 67	88		95 73	95 74	98 76	98 77	95 75		95 74	95 69	98 70	101 73	97 72	94 68	95 73	102 76		100	102 71	97 67			96.6 72.2
PINE SLUFF CAA AP	MAX MIN	95 70	95 71	97 68	97 70	97 74	96 70	96 70	94 69	91 67	85 64	90 63	94 71	95 73	96 75	96 75	95 72	97 71	92 73	93 68	94 68	97 71	93 69	90 66	93 72	99 68	98 70	97 68	97 70	91 66			94.3 69.8
POCAHONTAS 1	MAX	96 71	95 68	95 72	97 72	93 69	90 68	94 68	92 67	88 67	85 59	88 57	92 65	95 75	95 69	98 74	95 72	96 73	91 64	95 67	92 63	88 63		97 64	89 69	92 65	98 70	95 72	99 69	93 69			93.3 67.9
PORTLANO	MAX	93 70	93 73	96 72	98 73	97 73	98 71	89 71	96 71	96 67	88 67	88 68	88 67	92 70	89 72	92 73	92 71		96 73	90 71	93 70	91 69	92 70		89 68	93 68	95 70	95 71	95 71				92 • 8 70 • 2
PRESCOTT	MAX	94 70	94 71	95 73	96 72	96 71	97 68	96 70	97 73		92 66	89 64	90 68	97 70	97 72	98 74		100		96 71	98 65	97 70	100		96 72		102 72			100			96.6 69.9
ROGERS	MAX	96 73	91	91 74		90 68		92 67	88		82 55		92 70	92 76	95	97	94 71	93	90 70	85 66	89 62	92 65	85 61	80	85 63		96	94 75	95 70		92	96	90.5 68.5
RUSSELLVILLE	MAX MIM	96 71	96	98 73	96	95 71	95	96 70	95	92 67	89	89	97 72	96 77	96		96		90 72	94	95 67	97	85 66	87	92 67	99 66	98	95 71	92 76	93 68	94 1	00	94.5 70.1
SAINT CHARLES	MAX M1N	93 72	94 72	95 70	96	97 68	95	95 70	96 71		90 64	86	88	93 73		95 77	96 75	92	95 71	90 68	93	92 69	99 66	92	90 71	91 69		96 75	96 72	97 69			93.7 70.4
SEARCY	MAX	95 68	96	97 71	99 69	95 71	93 71	97 69	92 67	92 68	86 61		93	95 72	96 75	98 74	96 73	96	90 71	95 66	94 68	94	91 68	88	93 70	99	99 71	97 72	99 72	98 68	97	99	94.8
SHERIOAN TOWER	MAX MIN	96 68	95 70	96 70	98 71	97 71	95	95 70	96 70	96 71	87 59	89 64	92 69	95 71	95 73	96 74	95 72	96	95 71	95 67	98	96 66	92	92	98		98	98. 73	98 69	95 65	90	98	95.2 69.1
SILOAM SPRINGS	MAX	89 71	90	92 74	92	92 63	93	92 66	89 72	85	85 51	86 59	93 73	93 75			98	95	92 67	87	91	96 61	82	84 67	88	93	96	94	96 71		95	97	91.7
STUTTGART	XAM NIM	96 71	97	97 74	99	96 71		90 69	95	90 68	86 65	90	94 72	96 74	98	99	94	97	90 70	97		98	93	93	93 72		99	98	100	96 70	95	99	95.2 71.2

	DAILY TEMPERATURES	
ued	DITTEL TENTE DITTE OTTED	

Table 5 - Continued									L)A.	IL)	7 T	EN	ИP	ER	ΑΊ	`UI	RE	S														v 1 ·
Station																Day	Of M	lonth															age
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
STUTTGART 9 ESE	MAX	93 70	94 71	95 69	97 72	97 70	95	95 70	95 71	91 69	8 ti 6 4	61	8 7 6 9	93 75	94 73	95 75	76	93 71	94 68	88 65	91 68	9 A	93	89	67 68	89	95	19		76 68	93 71	92	92.5
SUB1ACO	XAM MIN	97 70	97 68	99 70	97 71	96 67	9 5	97 69	95 74	92 68	8 B 6 O	90 60	99 69	9 9 7 8	101 78	102 78	99 75	99 74	88	95 69	98 68	101	85 66	8 /	9.2 6.5	94 69	100	96 72	98 74	94 68	95 70	70	5. 69.7
TEXARKANA W8 AP	MAX	93 73	95 74	94 75	94 74	y 7 75	97 72	97 73	101	92 71	91 72	91 71	96 73	96 73	98 75	99 75	99 76	99 79	96 74	98	97 67	9.8 7.2	95 72	75 70	93	98 71	99 73	92 77	99 73	79 70	98 73	9.7	96+2 73+2
TURNPIKE	MAX MIN	86 70	87 70	88 71	89 72	85 64	88 65	86 67	84 64	81 60	8 1 5 d	80 63	85 67	87 71	88 72	91 76	86	8.8	79 66	85 65	87 69	85 63	77 59	76 63	84 64	88	91	90 73	88	87 66	87 68	71 69	65.6
WALDRON	MAX	98 67	97 68	100	96 67	76 69	97 66	100	103 72	97 68	91 58	91 59	97 69	98 76	100	101	1 0 71	103	88	95 66	97 64	100	92 65	94	92 67	99 65	100	95 68	101	9.2 6.5	95 66	99	96.9
WALNUT RIDGE CAA AP	MAX	93 74	94 72	95 75	95 75	91 71	90	93 69	89 68	87 66	83 60	86 61	91 70	94 72	94 70	9.7 75	92 74	95 73	90 66	93 70	91 66	88 65	84 65	81 70	87 69	94 68	9.7 7.3	97 75	97 71	91 70	91 71	95 70	91.5 69.8
WARREN	MAX	97 71	97 74	98 71	99 71	99 73	98 73	98 72	95 71	93 67	90 65	92 64	95 71	95 72	97 75	y7 74	9.8 7.2	100 75	95 75	100 71	97 69	97 70	94 70	92 66	93	9.8 7.1	97 71	93 71	98 62	97 68	95 73	91	96.0 70.6
WHITE ROCK	MAX	85 71	86 70	87 71	88 71	85 68	8 7 70	86 69	86 72	83 67	7 o 5 9	78 62	84 67	87 70	89 73	91 73	89	88	81 67	83 68	88 62	90 72	83 61	75 65	83 64	89 70	91 73	89 70	92 72	64	87	92 70	86.1
WILSON	MAX MIN	72	95 71	95 72	96 73	97 7 <u>1</u>	91 69	95 67	93 70	92 70	86 58	89 57	94 66	97 73	76 74	99	97 73	98 74	94 67	95 67	92 64	93 66	92 66	92 68	91 68	94 68	98 72	97 74	98 71	95 68	95 68	96	94.4
WYNNE	MAX MIN	93 73	94 75	95 71	97 71	9 <i>2</i> 71	93 71	95 66	90 69	88 68	84 57	88 54	92 69	94 75	95 74	97 75	92 71	95 71	91 70	94	91 64	93 66	90 64	86 68	8 9 7 1	96 70	98 72	96 74	97	93 61	93 72	76 69	92.8

EVAPORATION AND WIND

lable 5																																	
Station			Day of month																														
		1	2	3	4	5	6	7	8	9.	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLAKELY MOUNTAIN DAM	EVAP	.33	.40 41	·35	.28	.20 26	.14	.19	.27	50	-13 34	.25	.18	.30	.33	.28	.39	.22	.20 41	.19	.17	.27	.23	.28	.23	.11	.28	.22	.14	.08	.23	.20	7.318 933
HOPE 3 NE	EVAP																																8.26
MOUNTAIN HOME C OF ENG																																	7.208 675
NARROWS DAM																																	8.65
N1MROD DAM	EVAP	.33	.37	.34	.29	.24	.17	.21	.27	- 29	. 27 58	.23	.22	.36	.31	.32	.37	.17	.14	.13	.18 15	.22	.24	.20 11	.14	.21	.24	.16	.16	.13	.18	.12	7.15B 552
RUSSELLVILLE	EVAP	.37	.27	.28	. 27	. 27	.26	.30	.30	17	.28	.27	.24	.25	.35		- 54	.20	.15	.17	.28	.33	.12	.17	.20	.26	. 26	.23	.16	.19	.22	.35	7.798 237
STUTTGART 9 ESE	EVAP	.30	.34 65	.29	.24	.27	.22	.27	.25	.22	. 20 45	.23	.25	.31 99	.34	.32 80	77	.20 41	.15	.20 24	.23	.23	- 55	.20 48	.23 75	.16	-24 20	.26 61	.21	-24 34	.21	.13 15	7.42B 1353

Station	o County	Drainage† Latitude	Longitude	Observation time	Observer	Refer to tables	Station	oN County	Drainage † Latitude	Elevation	Observatio time	n	Refer to tables
Abhott Alicia Alum Fork Aly Amity 3 ME	0006 Scott 0064 Lawrencs 0130 Saline 0136 Yell 0150 Clark	1 35 04 7 35 54 1 34 48 3 34 47	94 12 624 91 05 256 92 52 755 93 29 854 93 25 -	7A 7A 5P 5P 7A	James V. Williams Ruhy B. Owens L. R. Water Works Gurn B. Swaim Mrs. Alta F. Garner	3 3 C 2 3 5 C 3 C	Louann 2 SE Lurton Madlson Magnolla 3 N Magnolla 5 N	4332 Union 43B6 Newton 4528 St. Francls 4548 Columbia 4550 Columbia	3 33 22 92 7 35 46 93 5 35 00 90	46 13 05 200 43 21 14 31	0 7 5 5 6P	6P Flora A. Hamilton 8A Lola I. Dollar 7A Loren R. Jones 7A Eari E. Graham 1D Ark. Pwr & Lgt Co.	3 3 3 2 3 5 7
Antoine Aplln 1 w Appieton Arkadelphia Arkansas City	D178 Pike O188 Perry O196 Pope O220 Ciark O234 Desba	1 34 58 1 35 25 3 34 07	93 25 285 93 00 400 92 53 522 93 03 200 91 12 145	8A 7A M1D 6P 6P	Drew A. Lamh Hobart Watts John A. Jones Bliman E. Lawrence John W. Trammell	3 C	Malvern Mammoth Spring Marlanna 2 S Marked Tree Marshall	4562 Hot Spring 4572 Fulton 4638 Lee 4654 Polneett 4666 Searcy	7 36 29 91 5 34 44 90 5 35 32 90	49 31 32 69 45 23 25 22 38 105	1 5P 0 SS 4 8P 9 6P	SP Mmlvern Fire Dept. 7A John H, McKee 6P Unlv. of Arkansae 7A William M. Crick 7A Mrs. Mlnnie Horton	2 3 5 2 3 5 7 2 3 5 7 C 2 3 5 7 2 3 5 7
Ashdown Athene Augusta Bald Knob Batesville Livostock	0286 Little River 0300 Howard 0326 Woodruff 0350 White 0458 independence	4 34 19 7 35 17 7 35 18	94 08 329 93 58 960 91 22 218 91 34 230 91 47 571	7A 7A 6P 6P	Southwestern G & E Arra D. Parker David G. Griffiths Univ. of Arkansae Univ. of Arkansas	2 3 5 3 C 2 3 5 2 3 5 C	Marvell Maumee Meihourne Mena Monticello 3 S	4678 Phillips 4696 Searcy 4746 izard 4756 Polk 4900 Drew	7 36 03 92 7 36 04 91 3 34 35 94	55 19 39 74 54 61 15 120 48 28	9 M 0 7 6P	8A Sterlin Wallace iD Verne N. Davemport 7A ivan L. Shrader 7A E. W. St. John 5P Arkansas A & M Coi.	3 C 3 5 7 C 2 3 5 7 C
Batesville L & D 1 Bear Creek Lake Beaty Lake Beaver 1 SE Beehe	0460 Independence 0496 Lee 0512 St. Francis 0518 Carroll 0530 White	7 34 43 5 35 05 7 36 28	91 38 277 90 42 220 90 43 400 93 46 930 91 53 250	MID 5P 7A	James J. Mitchum U.S. Forest Service L. G. Adamson Barvey E. Skeiton Lowell E. Perkins	2 3 5 C 3 3 C	Montrose Morohay Lock & Dam Morriiton Mount Ida Mount Wagazine	4906 Aebley 4934 Calhoun 4938 Conway 4988 Montgomery 5010 Logan	3 34 33 93 1 35 10 93	27 8 45 28 38 66	5 0 5p 3 7A	1D Ark. Pwr & Lgt Co. 7A Corps of Engineers 7A Emma S. Leavell 5p William E. Black 7P U.S. Foreet Service	3 C 2 3 5 2 3 5 2 3 5 C
Beech Grove Besdeville Benton Bestoaville Berryville i NW	0534 Greene 0536 Jackson 0582 Sallne 0586 Benton 0616 Carroll	7 35 26 6 34 33 1 36 22 7 36 26	90 38 298 91 06 221 92 37 285 94 13 1295 93 37 1150	6P 8A 6P 7A 7A	David L. Stidham	3 3 2 3 5 2 3 5 2 3 5 3 C	Mountain Home Mountain Home C. of E Mountain View 1 W Mulberry 6 NNE Narrowe Dam	5036 Baxter 5038 Baxter 5046 Stone 5072 Franklin 5110 Pike	7 35 52 92 1 35 34 94 3 34 10 93	23 80 08 76 01 50 43 42	0 8 _A 8 0 5 8 _A	7P Charles Shiras 8A Corpe of Englneers 7A Wildred E. Ward 7A Henry G. Arvin 8A Corps of Engineers	2 3 5 7 2 3 5 6 C 3 3 2 3 5 6 C
Big Fork Big Lake Outlet Black Rock Blakely Mountain Dam Biwe Mountain Dam	0664 Polk 0676 Mississippl 0746 Lawrence 0764 Garland 0798 Yell	5 35 51 7 36 07 3 34 36	93 58 1100 90 08 228 91 06 259 93 11 426 93 39 455	6P 7A 8A	Anna M. Lllee N. W. Douglas Lee W. McKenney Corps of Engineere Corps of Engineers	3 3 3 6 C	Nashville Peach Substa Nashville SCS Nathan 4 WNW Newhope 3 E Newport	5114 Howard 5158 Howard 5174 Pike 5186 Jackson	4 33 57 93 3 34 07 93 3 34 14 93 7 35 36 91		3 M	7A Univ. of Arkansas ID Soil Cons. Service 7A Edna J. Westfall 7A Elsie P. Ward 7A Luther D. Summers Jr	2 3 5 C 3 3 2 3 5 7
Bluff Clty Blytheville Booneville Botklaburg Boughton	0800 Nevada 0806 Misslssippl 0830 Logan 0842 Van Buren 0848 Nevada	5 35 56 1 35 09 7 35 39	93 09 380 89 55 252 93 55 511 92 30 1200 93 20 235	6P 7A 7P 7A M1D	Paul M. Adams Ivy W. Crawford Cleo E. Yandell Thomas M. Pearson lris Elmore Wicker	3 2 3 5 7 2 3 5 C C	Nimrod Dam Norfork Dam Odell Dden 2 W Dkay	5200 Perry 5228 Baxter 5354 Washington 5358 Montgomery 5376 Boward	7 36 15 92 1 35 48 94 3 34 38 93 4 33 46 93		5 M	8A Corps of Englineers iD Corps of Engineers 7A Mrs. Renzo Hurst 7A Vera J. Gann 5P J. T. Rargis	2 ·3 5 6 C 3 3 2 3 5
Bradford Brinkley Buffalo Tower Bull Shoals Dam Burdette	0872 White 0936 Monroe 1010 Newton 1020 Baxter 1052 Misslssippl	7 34 54 7 35 52 7 36 22 2 35 49	91 28 240 91 10 205 93 30 - 92 34 460 89 57 240	5P 5P 7A M1D 8P	Marehall Blckmon Robert D. Schaefer Beulah F. Fowler Corps of Engineers G. A. Rale	2 3 5 7 C 3 C 3	Deceoia Oweneviile Dzark Dzone Paragouid	5480 Miselssippi 5498 Saline 5508 Franklin 5514 Johnson 5562 Green	1 35 29 93 1 35 38 93 5 36 04 90	49 50 50 39 27 190 29 27	0 6 6p 0 5 4P	8A Aiwyn A. Cowan 8A Guy Cook 6A Surns Wakefleld 7A Maurice R. Brandt 4P Radio Station KDRS	3 3 2 3 5 7 3 2 3 5
Cabot 4 SW Calico Rock Canden 1 Camden 2 Camp Chaffee	1102 Pulaski 1132 Izard 1152 Ouachita 1154 Ouachita 1172 Sehastian	7 36 08 3 33 36 3 33 35 1 35 18	92 04 280 92 08 400 92 49 116 92 51 155 94 18 419	7A 7A M1D 8A 8A	B. M. Walther Austin D. Barris Leonard B. Dillwort Edith Z. Lehman U. S. Army	3 7 2 3 5 C 2 3 5	Parie Parkin Parthenon Perryville Pine Bluff	5576 Logan 5586 Cross 5602 Newton 5694 Perry 5754 Jefferson	1 35 18 93 5 35 16 90 1 35 57 93 1 35 00 92 1 34 12 92	35 23 15 93 49 33 00 21	2 5 5 M 5 7P	SS Fred J. Girard 7A Corine D. Gardner ID Arthur B. Carlton 7A Francis Finkbeiner 7A Mary T. Scheu	2 3 5 3 C 2 3 5 2 3 5 C
Canaan 2 W Carlisle 1 8W Carponter Dam Clarendon Clarksville	1188 Searcy 1224 Lonoke 1238 Garland 1442 Monroe 1455 Johnson	1 34 47 3 34 27 7 34 41 1 35 28	92 44 - 91 45 235 93 01 - 91 18 172 83 28 436	8A MID 7A 6P 6P	Froney Dell Borton John L. Talt Ark. Pwr & Lgt Co. B. F. Northern Dr. Irving F. Beach	3 C 3 2 3 5	Plne Biuff CAA AP Pine Ridge Pocahontas 1 Portiand Prescott	5756 Jefferson 5760 Montgomery 5820 Randolph 5866 Ashley 5908 Nevnda	1 34 10 91 3 34 35 93 7 36 16 90 3 33 14 91 3 33 48 93	54 84 59 33 30 13 23 31	0 5p 2 7A 8 7A	DU.S. Civll Aero Adm 7A J. R. Huddleston 7A Benedictine Sistere 7A Mrs. Pearl Newton 7A R. P. Ramby	3
Clinton Cold Springs Comme 3 SE Compton 2 NE Conway	1492 Van Buren 1520 Scott 1574 Madison 1582 Newton 1596 Faulkner	3 34 58 7 35 48 7 36 06	92 28 510 93 54 1250 93 48 1400 83 18 2166 92 28 316	7A MID	Earl B. Riddick Margaret Zornes Maude C. Brashears William L. Binam Clarence S. William	3 3 C c	Prescott SCS Pyatt i NNW Ratciiff Ravana 1 NE Remnel Dam	5910 Nevada 5970 Marion 6008 Logan 6016 Miller 6102 Hot Spring	1 35 18 93 4 33 04 94 3 34 26 92	51 80 53 46 02 25 54	0 M 0 M	IID Snil Cons. Service IID Dna V. McLean 7A Luiu H. Weeks IID Bonny L. Allen Ark. Pwr & Lgt Co.	3 C
Corning Cotter Cove Crossett 7 S Crystal Valley	1632 Clay 1640 Baxter 1666 Polk 1730 Ashley 1750 Pulaeki	7 36 17 4 34 26 3 33 02	90 35 293 82 31 440 94 25 1050 91 56 175 92 26 350	7A 7A 5P 5P	Mrs. Laura Polk Rohert T. Fleiding Joe C. Allen U.S. Forest Service Virda Byrd	2 3 5 7 C 3 3 2 3 5 3	Rison Rogers Russellville Saint Charles Saint Francis	8174 Cleveland 6248 Benton 6352 Pope 6376 Arkansas 6380 Clay	7 36 20 94	11 23 07 138 08 36 08 20 08 36	7 S8 0 SP 0 8A	8A J. R. Yaney SS Roward Fowler 5P U.S. Forest Service 8A Fish & Wildlife Serv 7A William S. Buckley	3 2 3 5 7 2 3 5 6 2 3 5 3
Cummins Farm Dalsy Damascus Danville Danville SCS	1766 Lincoln 1814 Pike 1829 Faulkner 1834 Yell 1835 Yell	3 34 14 1 35 22 1 35 03	91 35 176 93 45 629 92 25 705 93 24 370 93 24 370	7 A	Cummins Prison Farm Ferna Jones Tedder William A. Brown J. A. Moudy Boll Conserv. Serv	2 3 5 3 C 3 7 C	Salem Searcy Sherldan Tower Shirley 3 SE Siloam Springs	6403 Fulton 6506 White 6566 Grant 6586 Van Buren 6624 Benton	7 35 15 81	17 91	5 5P 0 6P	7A Jas. B. Caidwell 7A Adam C. Melton 6P Ark. Forestry Comm. 7A Maud R. Bradford 7A John Brown Univ.	3 2 3 5 7 2 3 5 7 3 2 3 5
Dardaneile De Queen Denver 2 E Dermott Des Arc	1838 Yell 1948 Sevier 1956 Boone 1960 Chicot 1968 Prairle	4 34 02 7 36 23 2 33 31 7 34 58	93 09 330 94 21 420 93 18 1028 91 26 140 91 30 204	5P 7A MID 8A 7A 7A	Gretchen Goodier D. Tucker Vasser Ciarence E. Collins L. W. Wilson C. J. Rister	2 3 5	Smithville Sparkman 4 E Stamps Star City 2 S Steve	6698 Lawrence 6768 Dallas 6804 Lafnyette 6820 Lincoln 6856 Yell	3 33 55 92 4 33 22 93	18 45 48 26 30 27 51 35 19 68	0 2	ID A. R. Richardson 7A Mrs. Rachel Butler 7A Buhert Baker 7A Ark. Forestry Comm 7A T. P. Sims	C 3 3 3 3 3
Devils Knoh 1 Dumas 1 Dumas 2 Durham 1 S Eagle Gap	1982 Johnson 2148 Desha 2150 Desha 2176 Washington 2204 Bcott	2 33 53 2 33 53 7 35 57 1 34 43	93 24 2350 91 30 162 91 30 165 93 59 1243 94 19 1150	7P 7P MID M1D 7A	Earnest C. Campheil Ben Johnson Ark. Pwr & Lgt Co. Goidle E. Brink Maxine M. Booper	2 3 5 7 C C	Stuttgart 9 ESE Suhlaco Sugar Grove Taylor	6918 Arkansas 6920 Arkansas 6928 Logan 6940 Logan 7038 Columbin	7 34 28 91 1 35 18 93	39 50 48 50	8 7A	7A George L. Clark 7A Univ. of Arkansas 7A New Sublaco Abbey 9A O. R. Fennell 7A idella O. Norwood	2 3 5 2 3 5 6 C 2 3 5 3 3
El Dorado CAA AP Eureka Springs Evening Shade Payetteville Payetteville CAA AP	2300 Union 2356 Carroll 2366 Sharp 2442 Washington 2443 Washington	7 36 24 7 36 05 1 36 05 7 36 00	92 48 252 93 44 1465 91 37 490 94 1D 1370 94 10 1253	6P 7A 7A 7P 7P MID MID	U.S. Civil Aero Adm Mahel F. Spray Opha Wolfe Charles F. Ford U.S. Civil Aero Adm	2 3 5 7 C 3 2 3 5 2 3 5	Texarkana WB Airport Turapike Waldron Walnut Grove Walnut Ridge CAA AP	7048 Miller 7262 Pope 7488 Scott 7524 Independence 7530 Lawrence	1 35 40 93 1 34 54 94 7 35 51 91	05 208 06 63 21 25	7 6P 5 5P	IID U.S. Weather Bureau 6P U.S. Forest Service 5P William D. Sivens 6P A. H. Fast U.S. Civil Aero Adm	2 3 5 2 3 5 7 C
Fayetteville Exp. Sta. Filppla CAA AP Fordyce 6 W Forcess Forester 4 WNW	2444 Washington 2528 Marion 2540 Dallas 2544 Littls River 2556 Scott	7 36 18 3 33 49 4 33 43 1 34 47	94 10 1270 82 36 700 92 31 280 94 24 400 93 53 660	MID MID	Univ. of Arkansas U.S. Civil Aero Adm John Yeager Leslle P. Callens CLOSEO	2 3 5 7 2 3 5 2 3 5 2 3 5 C 4/12/56	Warren Washita West Fork Wheeling White Rock	7582 Bradley 7592 Montgomery 7694 Washington 7744 Fulton 7772 Franklin		32 61 11 134 52 68 57 228	0 M	6P Charley L. Sharp 7A Nora Lee Mayherry 11D Effie D. Little 11D Thomas W. Cons 7A U.S.Forest Service	2 3 5 3 C C C
Forrest Clty Fort Smith WB Airport Fort Smith Water Piant Fountain Rill Fulton	2564 St. Francis 2574 Schastlan 2578 Crawford 2598 Ashlay 2670 Bempstead	1 35 20 1 35 39 3 33 21 4 33 37	90 47 261 94 22 458 94 09 793 91 50 175 93 48 260	MID MID 5p 7A 6P	Thomas A. Moore U.S. Weather Bureau R. J. Schoeppe Jethro R. Denson ina J. Logan	2 3 5 7 C 2 3 5 3 3	Whitecliffs Wllson Winfrey Wing Wynne	7812 Sevier 7912 Mississippi 7836 Crawford 7950 Yell 8052 Cross	4 33 48 84 2 35 34 90 1 35 44 94 1 34 57 93 5 5 13 90	06 115	2 M	7A L. M. Snead 7A D. D. Anderson IID Clyde F. Meadors IID Milee B. Turner SS Ws. M. Courtney	3 2 3 5 C C C
Georgetown Glibert Glenwood Grannis Gravelly	2760 Whits 2794 Searcy 2842 Plks 2908 polk 2922 Yell	7 35 59	91 26 200 92 43 595 93 33 547 94 20 920 93 41 498	6P 7A 7A SS 7A 7A	Bessle E. Akers C. Eli Jordan Myrtle I. Price George T. McVay Willie Pendergrass	3 2 3 5 7 C 3 2 3 5 3	Yellviile	8084 Marion	7 36 13 92		0	7A Glenn R. Neshit	3
Gravette Green Foreet Green Mountain Greenhrler Greenwood	2930 Benton 2946 Carroll 2952 Btone 2862 Faulkner 2976 Behastian	7 36 20 7 36 02 1 35 14 1 35 13	92 12 100 92 23 360 94 15 518	7A 7A 8A 7A	Elson B. Schmidt Ohed B. Wilson U.S. Forest Service Thomae E. Cantrell Dorothy M. Been	2 3 5 7 3 2 3 5 3 3	% Parks	5591 Scott	1 34 48 93	57 6	58	7A Bomar K. Ransard	3
Gurdon 3 E Hampton Bardy Barrison Beher Springs 3 NE	3074 Clark 3098 Caihoun 3132 Sharp 3164 Boone 3228 Clehurne	3 33 32 7 36 19 7 36 14 7 35 32	93 06 290 92 28 202 91 29 362 93 07 150 82 01 525	6P 6P 7A	Roy S. Rohbs Soil Cons. Service Theresa Donaldson Bea Gray Beene Lester B. Logan	3 3 2 3 5 3			10				
Beber Springs 3 8W Bector Beiena Bendsrson 2 W Bope 3 ME	3230 Clehurae -235 Pope -242 Phillips 3258 Baxter 3428 Bempstead	2 34 32 7 36 22 4 33 43	92 03 - 92 58 555 90 35 20D 92 16 580 83 33 375	6P 7A 7F 8A 7A	Mayne Stark irene B. Timko Charley M. Friddell Lucy A. Bentzien Cecil M. Hittle	C 3 2 3 5 3 2 3 5 8 C							
Bopper Horatio Ent Springs 1 NNE Buntsville Buttig Dam	3438 Montomgery 3442 Sevler 3468 Garland 3540 Madison 3556 Union	4 33 58 3 34 31 7 38 05 3 33 02	93 41 700 94 22 333 83 03 830 93 44 1453 92 05 60	7 6 5 5p 5i	Lona A. Shlelds A Elizaheth W. Frlda P Nati Park Service May Pearl Markley A Corps of Engineers	3 2 3 5 7 C 3 C							
index Jasper Jessieville Jonesboro Keo	3584 Little River 3600 Newton 3704 Garland 3734 Craighead Lonoke	7 36 01 3 34 42 7 35 50	84 03 300 93 11 853 93 04 730 90 42 345 92 00 230	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	W. E. McDowell Lottle B. Davis Mrs. Veima M. Duna Benedictine Sisters R. A. Waller	3 3 3 2 3 5 7 2 3 5							
Kingsland 3 SSE Lake Clty Lamar 2 BW Langley Lead Bill	3904 Cleveland 3988 Craighead 4019 Johnson 4060 Pike 4106 Boone	5 35 48 1 35 28 3 34 19	92 16 214 90 28 230 93 25 550 83 51 - 92 54 710	MII 7)	Claude W. Hunter Tressa St. Clair Peach Exp. Statlon Mahei F. Forrester F. W. Kellogg	3 C 3 2 3 5							
Lee Creek Guard Sta. Leoia #Little Rock WH Airport Little Rock Filt. Pl. Lost Corner	4116 Crawford 4134 Grant 4248 Pulaski 4250 Pulaski 4324 Pope	1 35 42 3 34 10 1 34 44 1 34 46 7 35 34	94 19 1000 92 35 261 92 14 257 92 18 512 82 50 1550	MID MID	U.S. Forest Service J. R. Rhodss U.S. Weather Bures L. R. Water Works Catherine Ruseell	3							
						1	% Continuation of Fors	and record,					

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station Box 1819 Little Rock, Arkansas, or to any Weather Bureau Office near you.

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

pelayed data and corrections will be carried only in the June and December issues of this bulletin.

Montbly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables; but for which data are not listed, are either missing or received too late to be included in this issue

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are hased on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tahles 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST, "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicated that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 Data based on observational day ending hefore noon.

 Adjusted to a full month.

 Data for recorded stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.

 Data for recorded stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station have been adjusted to represent the value for the full montb.

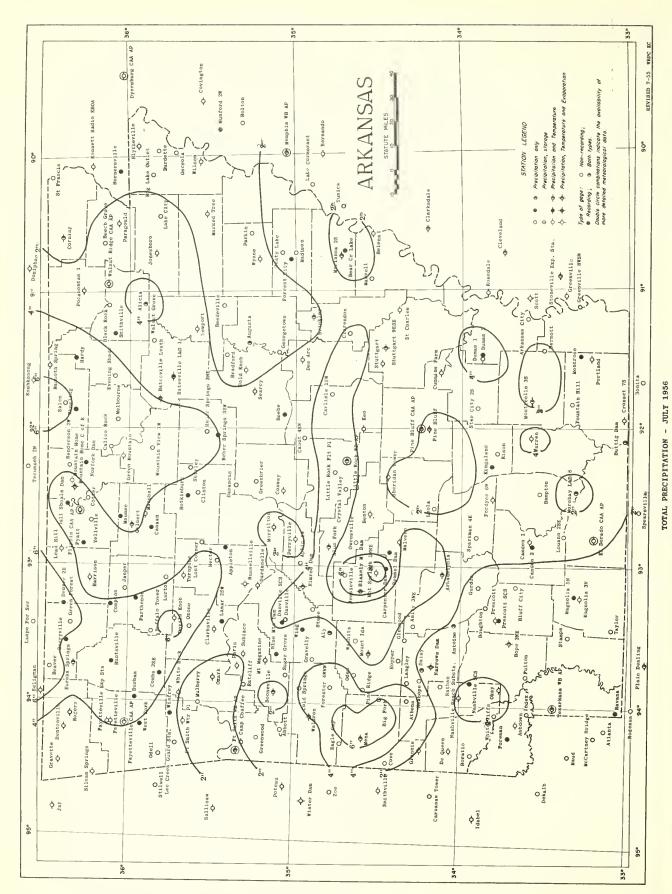
 Amounts from recording gage. (These amounts are essentially accurate hut may vary slightly from the amounta to be published later in
- to represent the value for the full montb.
 Amounts from recording gage. (These amounts are essentially accurate hut may vary slightly from the amounta to be published later in Bourly Precipitation Data).
 Trace, an amount too small to measure.
 Includes total for previous month.
 This entry in time of observation column in Station Index means observation made near sunset. R

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 centa.

Subacription Price: 20 cents per copy; monthly and annual, \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions abould be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

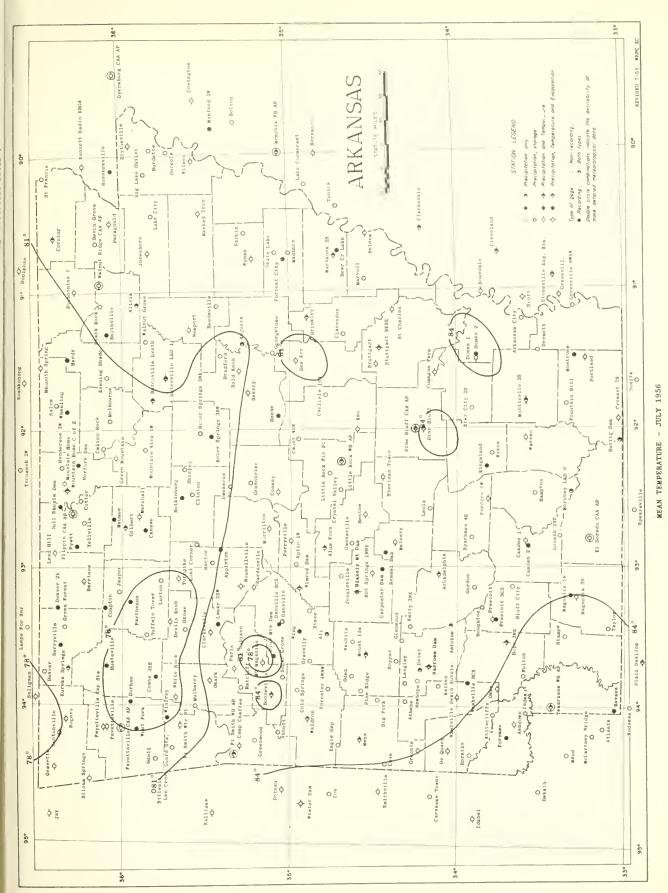
NWRC. Asheville, N. C. -- 9-7-56 -- 1005

In this issue of the Climatological Data for Arkansas there is inaugurated a new presentation of precipitation and temperature data for the state. In January 1956 the decision to abandon the State means of temperature and precipitation was reached after careful consideration and consultation with the Advisory Committee on Climatology. Political sundivisions generally hear no relation to natural regions of topography, vegetation or atmospheric circulation, and averages of climatic data over such areas do not form a valid time aeries. In addition the number and location of stations change from year to year. The charts presented herein give a general picture of the distribution of precipitation and temperature over the state.

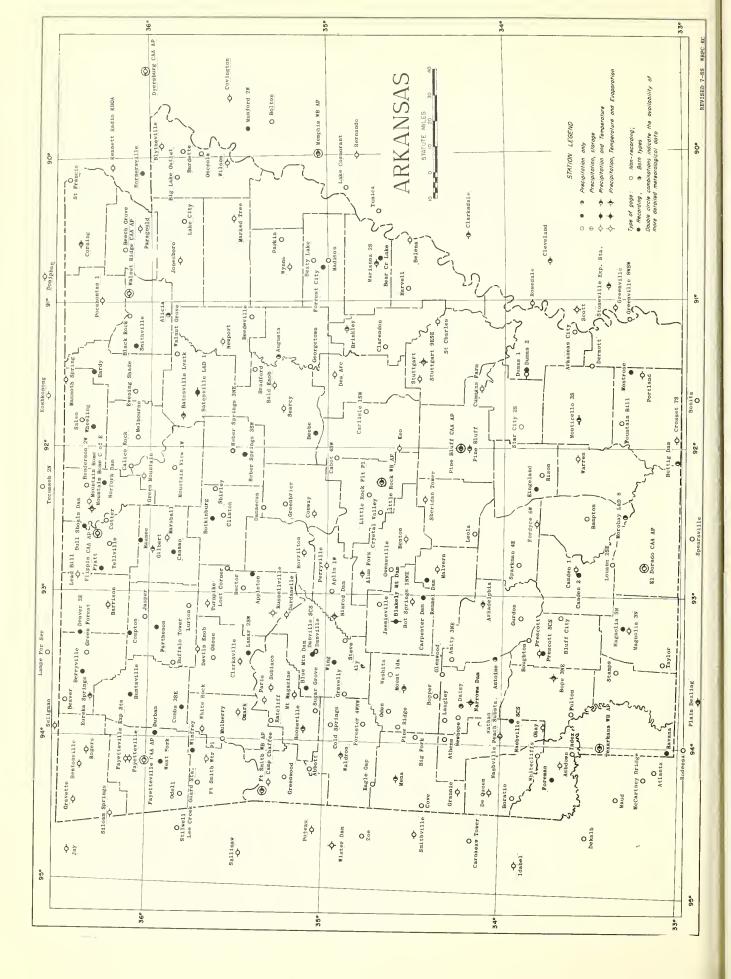


Isolines are drawn through points of approximately equal values, For further explanation see note following "Reference Notes".

- 88 -



Isolines are drawn through points of approximately equal values. For further explanation see note following "Reference Notes".







SATITOOTIONAL VALANOD TURKLINEN'S CLEMSON COLITGE LIBRARY

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

AUGUST 1956 Volume LXI No. 8



ARKANSAS - AUGUST 1956

WEATHER SUMMARY

Hot dry weather continued to the 19th. Timely showers and cooler weather during the latter part of the month improved prospects for late maturing crops and helped pastures to some extent.

High temperatures persisted through the first ninetten days of August. Temperatures near or exceeding 100° were quite common on every day from the 3d to the 18th. The 4th to 10th and 13th to 18th were especially hot and the highest temperatures for the month were registered during these periods. Monthly maximums exceeded 100° at all stations. The highest temperature for the State, 112°, occurre at Ozark on the 6th. A cold front crossed the State on the 19th and the period 20th to 23rd was unusually chilly. Temperatures dropped into the 40's over the northwestern counties and at a few scattered locations elsewhere. The lowest temperature for the State, 44°, occurred at Bentonville on the 21st and at Batesville Livestock on the 22nd. Temperatures during the last week of August averaged near seasonal. Monthly mean temperatures ranged from 79.2° at Turnpike and Bentonville to 85.4° at Pine Bluff. Temperatures averaged above the long-term means at almost all stations. Temperature departures at most stations were between +1.0° and +3.0°.

Most stations received little rain during the first eighteen days of August. Some scattered showers occurred on the 10th, 11th, and 12th but the amounts were generally small. The heaviest shower dropped 3.50 inches at Beaty Lake between 11:00 a.m. and 3:00 p.m. on the 10th. The cold front which crossed the State on the 19th triggered many thundershowers. Some areas received beneficial amounts; others received only light showers. Several stations received two inches or more of rain during the shower period. Very few stations received any rain from the 21st to 26th but most counties received light showers during the last week of August. Monthly totals ranged from 0.49 inch at Siloam Springs to 5.57 inches at Beaty Lake. Vicinities which received the more generous rains during August were centered around Beaty Lake, Lake City, Walnut Grove, Bradford, Clarksville, Beaver Hopper, and Rison. The vicinities which received scanty precipitation were centered around Siloam Springs, Pocahontas, Conway, Cummins Farm, and Ashdown. Most stations received rainfall less than their long-term means. Stations in the extreme northwest, the extreme northeast, and the extreme south received less than half their long-term means. Stuttgart 9 ESE received more than twice the long-term mean for that station.

The hot dry weather during the first ninetten days of August lessened boll weevil activity but caused widespread shedding of cotton squares and bolls. The rains on the 19th and 20th improved the situation in many areas. The showers and the cooler weather which followed slowed the shedding of the cotton bolls and squares and aided sizing of the small bolls. Insects continued to be a problem in many late fields and in most irrigated fields. Good yields were expected from the irrigated fields. Showers on the 19th and 20th and during the last few days of August benefited some late corn although many fields were beyond recovery. Corn harvest was getting underway in a few counties at the end of the month. Sorghums improved in the areas that received rains. Satisfactory rice yields were expected. Hay harvest neared completion. The rains improved the late hay meadows and revived many pastures which furnished good grazing. Pastures in the drier areas were badly burned and cattle required some supplemental feeding. Some herds of beef cattle lost weight but the cooler weather increased milk production among many dairy herds. Apples moved in volume to the vinegar plant at Rogers. Grape harvest was underway. Preparation of fields for seeding small grains increased. A few fields of oats were seeded for fall grazing. The farm labor supply continued adequate but the need for many cotton pickers was anticipated.

STORMS

On the afternoon of the 11th, thunderstorms struck the McGehee vicinity. Lightning damaged a store building and wind damaged the roof of a rice mill. Water damaged the grain stored in the mill. During the early afternoon of the 19th, lightning destroyed a house and damaged a church, and hail caused considerable damage to crops in the Hatchie Coon area south of Trumann, Poinsett County. Widespread thunderstorms damaged many areas in the State on the 30th and 31st. A squall line moved into Arkansas on the evening of the 30th and continued across the State on the 31st, causing widespread thunderstorm activity and wind, rain, and hail damage. One man north of Little Rock was injured by lightning.

Lucius W. Dye, Climatologist Weather Records Processing Center U. S. Weather Bureau Kansas City, Missouri

SUPPLEMENTAL DATA

Kich I

	Wind	direction		Wind m.	speed p. h		Relati	ve hum				Numh	per of de	ys with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	60 -10	10-49	99-99	100-199	2 00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
Fort Smith WB AP	NE	23	7.1	35	NW	31	67	81	39	40	2	1	2	0	1	0	6	84	3.6
Little Rock WB AP	SSW	20	8.7	54	NW	31	74	82	49	53	5	1	1	1	1	0	9	80	4.4
Texarkana WB AP	-	-	-	-	-	-	-	85	-	~	0	3	4	2	0	0	9	-	-

CLIMATOLOGICAL DATA

TABLE 2

					Теп	pera	ture								1	recip	itation					
									00	No	of D	ays			\ \ \		Snow	, Slee	et	No.	ol D	ays
Station		Average Maximum	Average Minimum	Average	Departure from Long- Term Mean	Highest	Date	Lowest	Degree Days	Mass of Above	-	Min.	Total	Departure from Long- Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	.50 or More	or More
HIGHLANO OIVISION																						
ALUM FORK ASHOOWN BENTON BENTON BENTONVILLE BLAKELY MOUNTAIN OAM BOONEVILLE CAMP CHAFFEE CLARKSVILLE CONWAY OAROANELLE DE QUEEN DEVILS KNOB EUREKA SPRINGS FAYETTEVILLE FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP FORT SMITH WB AP FIT SMITH WATER PLANT GILBERT GRAVETTE GREEN MOUNTAIN HARRISON	AM AM R //	96.4 99.7 96.5 96.5 95.3 96.7 99.7 99.0 98.0 97.8 96.0 100.5 91.4 93.7 94.5 93.9 94.7 94.5 98.9 97.1 96.0 97.3 96.6	68.3 68.6 66.4 63.1 67.1 68.4 67.7 69.3 69.9 67.3 67.7 68.3 65.3 67.0 66.0 66.0 66.0 66.0 65.1	82 · 4 84 · 2 81 · 5 79 · 2 81 · 9 84 · 1 83 · 6 83 · 0 83 · 6 83 · 0 83 · 9 80 · 7 81 · 4 79 · 6 80 · 9 80 · 9 79 · 8 80 · 9	2.6 1.6 1.3 1.8 1.9 2.1 1.9 2.1 2.3 2.1 2.7 2.8	105 108 105 106 110 109 109 107 106 109 103 101 102 102 103 101 109 106 109 106 107 107	6+ 17 6 16 7 17 17 6 6+ 6+ 6+ 6+ 6+ 16 17 16 16 17 16 16 17	54 22 51 22 50 22 44 21 50 22 53 22 53 22 51 23 51 22 51 22 51 22 48 21 48 22 46 21 48 22 46 22 48 22 45 22 48 22 53 23 54 22 48 22 53 23 54 22 48 22 53 23 54 22 48 22 55 22 48 22 55 22 48 22 55 22 48 22 55 22 56 22 57 22	+ + + + + + + + + + + + + + + + + + + +	28 27 27 27 27 28 29 28 28 28 29 20 26 25 26 25 26 27 27 27 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	000000000000000000000000000000000000000		1.25 4.31 0.88 3.40 2.34 3.79 3.36 2.07 0.70 2.28 2.20 2.36 1.10 3.64 0.84 1.19	- 1.9 - 2.5 - 2.4 - 0.1 - 1.5 - 1.3 - 1.6 - 0.2 - 0.3 - 2.4 - 2.8 - 2.2	0.31 1.02 0.77 0.44 3.00 1.77 2.044 1.66 4.165 1.77 0.44 1.57 3.17 0.44 1.77 0.44 1.77 0.44 1.77 0.44 1.77 0.44 1.77 0.44 1.77 0.44 1.77 0.44 1.77 0.44 1.77 1.77 1.77 1.77 1.77 1.77 1.77 1	20 31 30 31 20 20 31 7 20 31 7 20 30 31 4 4 14 19 19 19 19 19 19 19 19 19 19 19 19 19				3346342524555626533422 5	1 0 3 0 2	1 0 1 0 0 0 1 1 2 0 0 0 0 0 0 0 0 0 0 0
HARRISON HOPE 3 NE HOT SPRINGS 1 NNE LEAO HILL LITTLE ROCK #B AP MALVERN MAMMOTH SPRING MARSHALL MENA MORRILTON MOUNT 10A MOUNT 10A MOUNT ANGAZINE MOUNTAIN HOME OUNTAIN HOME OF ENG NARROWS OAM NASHVILLE PEACH SUBSTA NIMROO OAM OKAY QZARK PARIS PERRYVILLE ROGERS RUSSELLVILLE SMERIOAN TOWER SILOAM SPRINGS SUB1ACO TEXARKANA #B AP TURNPIKE #ALORON MHITE ROCK	AM AM AM AM AM AM	98.9M 98.0 94.4 95.5 97.0 95.0 94.9 93.7 97.4 96.5 89.4 93.6 93.4 98.9 98.1 197.9 98.1 100.2 100.9 99.5 99.6 99.6 99.6 99.6	70.0 m 72.5 64.4 71.4 67.8 65.4 67.8 65.9 65.9 65.9 66.7 8 68.8 69.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 67.8 68.7 69.5 69.5	84.5M 85.3 79.4 83.5 82.4 80.2 81.3 83.1 81.0 79.5 82.0 82.5 82.9 83.7 85.0 84.1 83.2 83.2 84.1 79.2 83.2 84.1 79.2 83.2	2.6 3.6 0.3 2.2 2.1 2.9 1.3 1.4 1.7	107 1066 104 1066 1055 1088 101 107 1022 1066 1066 107 1099 1066 107 1099 1066 1122 1100 1110 1100 1100 1100 1100	7 5+ 17 5+ 6 17+ 17 5+ 6 6	53 222 54 23 45 22 57 22 50 22 46 22 51 22 51 22 51 22 51 22 51 22 51 22 51 22 53 22 54 22 55 22 52 22 54 22 55 22 56 22 57 22 58 22 59 22 50 22	+ +	27 27 28 26 27 28 26 27 27 28 27 27 27 27 27 27 27 27 27 27 27 27 27	000000000000000000000000000000000000000		1.87 1.84 2.52 2.25 1.05 2.71 4.13 2.21 4.01 2.54 1.66 2.94 1.02 4.11 2.92 3.04 1.52 1.29 4.03 1.17 5.49 4.03 2.24 8.03 8.03 8.03 8.03 8.03 8.03 8.03 8.03	1 · 4 1 · 8 1 · 3 1 · 0 · 9 2 · 2 · 5 1 · 0 · 7 1 · 2 1 · 2 1 · 3 - 0 · 8 - 2 · 5 - 2 · 4 - 1 · 6 - 0 · 7 1 · 0 · 7	1 0 0.7. 0 0.8 d 0 0.8 d 1 0.2 d 5 0.5 d 1 0.5 d 1 0.5 d 1 0.5 d 1 0.5 d 1 0.5 d 1 0.6 d 0 0.8 d 1 0.2 d 1 0.5 d 1 0.6 d 0 0.8 d 2 0.5 d 1 0.8 d 1 0.7 d 1 0.8 d 1 0.8 d 1 0.7 d 1 0.8 d 1 0.7 d 1 0.8 d 1 0.7 d 1 0.8 d 1 0.7 d 1 0.8 d 1 0.8 d 1 0.7 d 1 0.8 d 1	19 19 3 25+ 77 3 1 20 20 20 3 3 1 20 20 20 20 3 3 1 20 20 20 3 20 3				4 5 5 3 4 4 5 5 4 5 3 4 3 5 4 2 5 4 4 3 3 5 3 1 5 6 2 3 4	00 2 2 2 0 0 1 3 3 3 1 1 1 2 2 1 1 3 2 2 1 1 3 1 1 0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 0 1 0 0 1 1 1 2 0 0 0 0 2 2 2 0 0 0 0
OELTA DIVISION ARKADELPHIA BALO KNOB BATESVILLE LIVESTOCK BATESVILLE L ANO O NO 1 BLYTHEVILLE BRINKLEY CAMOEN 1 CORNING CROSSETT 7 S CUMMINS FARM DES ARC OUMAS 1 EL OORADO CAA AP FOROYCE 6 W HELENA	ДМ ДМ ДМ	97.4 94.8 97.6 95.9 93.1 97.7 95.9 96.9 95.9 95.9 95.4 98.2 97.2	69.J 66.J 62.4 66.9 66.7 67.3 67.4 67.J 66.6 67.J 66.6 70.1	83.2 80.4 80.04 81.4 79.6 82.7 83.1 81.6 82.2 81.5 81.5 84.1 82.4 83.7 83.6	2.2 - 0.6 2.3 3.0 0.6 2.1 0.1 2.6 7.9	105 106 04 103 104 105 105	17 6 17 5 6 7 5+ 10 6 6+ 6+ 6+ 6	53 22 49 22 50 22 51 22 52 22 53 23 51 22 51 22 51 22 51 22 51 22 51 22 52 52 24		0 26 0 27 2 25 27 24 0 27 0 27 0 27 0 27 0 27 0 27 0 27 0 27	300000000000000	000000000000000000000000000000000000000	1.87 3.48 2.89 0.2.29 0.2.28 0.1.97 0.1.99 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0.1.90 0	- 1.6 - 1.6 - 1.6 - 1.6 - 1.6 - 2.6 - 2.6 - 2.6 - 2.6	1 · 4 0 · 9 0 · 8 3 · 0 · 6 1 · 9 13 · 0 · 5 0 · 5 0 · 5 0 · 5 0 · 8 1 · 2 1 · 0 · 9 0 · 8 1 · 0 · 9 0 · 8 1 · 0 · 9 1 · 0 · 0 · 9 1 · 0 · 0 · 9 1 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 ·	4 31 1 12 1 20 5 11 7 20 2 31 9 20 6 11 5 20 8 20 3 20 9 31 5 11	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000		3 4 5 4 6 1 1 5 4 5 1 1 2 3 3 4 4 5 2 2 2 2 3 3 4 4 5 2 2 3 3 4 4 5 2 3 4 4 5 2 3 4 5 2 3 4 5 4 5 3 4 5 5 2 3 4 5 5 2 3 4 5 5 2 3 2 3 4 5 2 3 5 2 2 3 5 2 2 2 3 2 2 3 2 3 2 3 2	3 2 2 2 1 2 2 1 2 2 1 2 2 0 2	1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0

TABLE 2 - CONTINUED

					Ten	npera	ture										P	recip	itation					
										S	N	o. of	Days				<u>*</u>		Snow	, Slee	ŧ	No.	oi D	ys
Station		Average Maximum	Average Minimum	Average	Departure from Long- Term Mean	Highest	Date	Lowest	Date	Degree Days	Above M	32° or Below	Min o o o	┥		Departure from Long- Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	8	.50 or More	or More
JONESBORO LEO JONESBORO LEO JAGNOLIA 3 N JAGNOLIA 3 N JAGNOLIA 3 N JAGNOLIA 3 N JAGNOLIA 3 S JAG	АМ АМ АМ	95.3 94.6 99.1 94.3 93.2 96.5 96.5 92.8 99.1 95.3 96.2 95.3 98.0 95.5 96.9 97.6 94.5 93.8	70.7 67.7 67.7 67.7 68.0 68.0 68.0 66.5 67.0 71.6 68.9 67.3 69.5 69.8 69.5 69.8 68.8 70.2 67.8 68.5	83.0 81.2 83.4 81.0M 80.6 82.4 81.5 79.94 85.4 82.2 81.8M 81.7 83.8 82.7 83.8 82.7 83.8 80.7 81.0 83.8 80.0 83.8	1.0	105 103 105 108 104 109 103 106 102 106 105 109 108	16 17 5 6 6+ 5+ 8+ 7	52 55 53 56 54 54 53	22 22 22 22 22 22 22 22 22 22 22 22 22	000000000000000000000000000000000000000	25 27 28 25 23 27 27 27 27 27 26 27 27 27 27 27 27 27 27 27 27 27 27 27	0	000000000000000000000000000000000000000	00 0 0 0 0 0 1 2 0 0 2 0 0 1 1 0 0 0 1 1 0 0 0 0	38 55 81 54 64 60 78 15 40 96 79 15 36 63 59 32 67 94 90 42	- 1.08 - 1.76 - 1.37 - 0.90 - 0.69 0.28 - 1.48 - 3.60 - 2.08 - 0.80 - 1.01 - 1.07 - 2.17 - 1.47 - 0.63 - 0.33	0.34 0.26 1.06 0.89 1.22 0.90 1.44 0.73 1.15 0.39 0.85 1.15 1.47	31 20 20 27 31 10 20 31 31 20 20 20 20 11	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000		5253545642333252465 3	20001313312012121321	0 0 0 0 1 0 1 0 0 2 1 1 1 3 1 0 1
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Table 3

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BOTT ICIA UM FORK	2.27 2.95 2.34						T				т	+2	T							Ť	.32	.86				.05	T			. 3C	+40	1
TTY 3 NE	3.90	.43	•11								. 25	.08	.47				. 28				.52 .26	.08				.01						
TOINE	1.26	.06											+ 23 T				.25	.13			.10	. 93									,	
PLIN 1 W RKADELPHIA RKANSAS CITY	1.16	.71	T									.22						.17		1	•05 T	+04					.04		.17	1	.60	
HDOWN	.93	•01											+22								. 38											
HENS GUSTA	2.53	.38							Ţ			.10	.26				-16			1	.68					• 3			Ť			
LD KNOB	2.89			. 38					ī	T	. 83	.07	.91									.40						. 13 I			.06	
TESVILLE L AND D NO 1	2.29	T		T							3.50	1	7								.86					Ť		T				
AVER 1 SE ECH GROVE	3.94											٥٥.	T • 2 7		1.78						.33 .10 1	.00					.04	.51			.16	
TON	1.76	•02								.16		.22	+12			T					+ 3 4 T	.40							+01			
NTONVILLE RRYVILLE 4 NW	1.54										T	+ i 5 + 4 1	.13		.15	T					. (6	,									1.20	
FORK LAKE OUTLET	3.28						i				. 46	+22								1.52	.08 .41						.98				.71	
ICK ROCK	2.56		.07									*05	.27				.05				.41	. 32					1	.04			+17	
AKELY MOUNTAIN DAM JFF CITY YTHEVILLE	2.24 2.28	.18										. 55	4 < 1				.05			1	•27	•03 •17						.13	.10		.24	
NEVILLE IGHTON	3.84	+17										***	•03 T				.46				.70	.25							.22		.03	
AOFORD	4.46				.0	5						2.02	.51								.40	.57										
NKLEY FALO TOWER	3.02						T		.0 ^		T	T			. 10	.26					.97 .59										1.14	
ROETTE IOT 4 SW	2.82			+ 24							. 24	T				- 10				.16	1.00								.06			
LICO ROCK MDEN 1	1.88				.0	3		.35				•12 •05	•16 •32				T		.05	.52	. 44	.09					.10	+12			.67	
MP CHAFFEE RLISLE 1 SW	1.25											.16				.01					.30 1.63	.03						T			•12	
ARENDON	2.33											.57								.60		.04									. 30	
ARKSVILLE INTON LD SPRINGS	3.80		-	-	-	-	-	-				- 10	- 52			-		-	-	-	2 + 50	.18	-	-	-		-			-10	-	
LD SPRINGS NWAY RNING	.88 1.36							. 43	T		T	.52								.05	.37	.10						1			• 12	
TTER		-		-		-		-	-	-		-	-					-	-	-	3.69	-	-	- 16	-		-	-	-	-	-	
VE DSSETT 7 S	1.52	•05				T						.56	T		. 40	T					.34						1.59	. 35	.15		.02	
YSTAL VALLEY MMINS FARM	2 • 6 4										T										. 85											ı
ISY MASCUS	5.23		31 . 16					+15 T			ř		.03					.18			.58	.40							106			ı
NV!LLE RDANELLE	3.40		.0								Ť		•22				.25 .12 .22				69	.25										ı
OUEEN RMOTT	2.36	1.01									T	1.00					# 2. 2															
S ARC VILS KNOB	2.26	5	,									.05	• 3 5		+2:	.12					1.28	.07						.08			.52	
MAS 1 GLE GAP	.80	-		-	-	-		-	-	-	-23	-04	-		-		~	-	-	-	- 33	-	-	-	-	-		.26	-	-	-	
DORADO CAA AP	2.50		5									,			* £ 1 1 • 0 6	. 63					.08							• 0 4	•06		. 31	9
REKA SPRINGS ENING SHADE YETTEVILLE	3.30	В									.11	1			.56					• 22 • 27	•22 •17	. 48						7		.10	.57	7
YETTEVILLE CAA AP	. 70										• 12				. 40					.59	.12									.20	. 84	
YETTEVILLE EXP STA IPPIN CAA AP	2.2)									•13 •23	•07			. 86 . 02 . 27					.13 .96	.24 T							.13		.37	+24	7
RDYCE 6 M RT SMITH WB AP R/		6										. 45			.01		T			. 49	.15						.03				T	
T SMITH WATER PLANT	1-1	-	_		-	_							-	\ _		-	-	-	-	-	-	-	-	-			-	-		-		
JLTON EORGETOWN	1.5	2 .15	5	T								.20	Ţ	Т			.18			Т	.08	.15					.16	.17	+20		. 97	
LBERT EN#OOD	3.6	6	. 1	4								.10	. 65		.05						.34	.03					1.2				. , ,	
ANNIS	. 8											.22	. 52					. 75	5		+42 +82 T	.20					1.20					
AVELLY AVETTE EEN FOPEST	3.9 1.1 2.6		4								.06	T			.63					•58	.54									.55		
EEN MOUNTAIN	-	-	-	-	-	-	-			-	-	-	-	-		-		-	-	_	_	-	-	_			_				_	
EENBRIER EENWOOD	. 8	4	-	-	-	-		-			-	-	.0		-					.20	-41 1-40										. 4	
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RRISON EBER SPRINGS 3 NE	1.3																				*20 . 72	. 45				al-					. 6	4
ECTOR ELENA	2.5	7										T	T			•02		T			.72 .65	•63					T +23		T		. 68	8
NDERSON 2 W	1.9	4	6	. 1	. 5						•05						.25				. "0	•02						. 04	T			
OPPER DRATIO	4.9	7 T	т 1										1.5				1				.45	.08				.3	5 .85					
OT SPRINGS 1 NNE UTT1G DAM	1.8	8 1.3	0								1 1	+23				. 27				. 49	•45 •3	e 0 4						. 04 1	1		.01	9
DEX	1.0	5 .2	0									.04	т		. 28	.04					1.88	.01										
SSIEVILLE	2.5	В										.33	. 6	2			. 5				.52 .70	.25					+42		Ť		. 7	1
NESBORO O KE CITY	2 • 3 • 5 4 • 1	5									1 .04										*34 1.76					T					+7	1
ANGLEY	3 . 2	9 .3	9 .1	15				.05				T	. 3	5			+ 34				.15	. 75				. l . 8	3 +15			. 63	-1	6
AD HILL E CREEK	2 . 5	8											. 7	4	+11	• 20	1				1.80						+17	,				
EOLA	// 2.2	.0	2		0.6						T		T				1			Ť	•50					Y .					. 4	
ITTLE ROCK FILTER PL OST CORNER	2 • 6	0									• 2 1	7								. ~2	2.00											N.
OUANN 2 SE URTON	2.0	3 .4	5						. 2	1 _T		2 1 -			. 15	. 52					.14	;							T		0.7	
ADISON	3.5	79		2.2						T		2.13	,			. 10					+11							- 1				
AGNOLIA 3 N	1.2	25		23								.0		B						.02	+24 +50						ī	• 1°	? le		+0	
AMMOTH SPRING ARIANNA 2 S	1.0								T		.26										1.06	. 49									. 5	

Table 3-Continued

Table 3-Continued	ਰ			-	-				-	-				Da	y of m	onth															JGUST	
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARSHALL MARVELL MELBOURNE MENA MONTICELLO 3 5	2.71 1.76 3.36 4.13 2.00	.01 T	Ť		•17	. 75		T			•19	T •02	1.16								.46 1.76 .28 1.22	•50 •30 •42					.07 .28 .25	.03		.27		1.26
MOROBAY L AND D NO 8 MORRILTON MOUNT IDA MOUNT MAGAZINE MOUNTAIN HOME	1.73 2.21 4.72 4.01 2.56	•05					•02		Ť			• 2 9	. 35					•16		.48	.62 1.52 3.40 1.60	. 41				Ť	T .49	•12	•06	.70	•80	•70 •1: •1: 1:9.
MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY 6 NNE NARROWS DAM NASHVILLE PEACH SUSSIA	2.54 1.57 .97 1.66 2.94	•20 •09	.06 .08	Ť				T .35		T		+ 2 7 T	T T .22		T	•21					.85 .93 .57 .21	.03					.08	•03	т		1.26 .30 .06	.05 .30 .10 .6.
NATHAN 4 WNW NEWHOPE 3 E NEWPORT NIMROD DAM ODELL	1.19 2.12 2.78 1.02	.58 .18								Т	.04	. 82	.05 .36 .07			. 43	T				•10 •35 •20 •82 •08	•68					.16		+06		•11	.40 1.23 .90
ODEN 2 W OKAY OSCEOLA OWENSVILLE OZARK	2 · 30 4 · 11 3 · 89 2 · 81 2 · 92	1.02	1.94					•26				.20		. 26		•06				+10	1.34 .37 1.48 .94 1.45	•82					•06			•06	.97 .75	.31 .56 .42 .80
OZONE PARAGOULO PARIS PARK IN PARK S	3.98 4.15 3.04 2.85 2.43		.48	•17							1.44	.67			Ť	• 22				.38 .11	2.08 .81 1.38 .87 .72	.04									.87	1.64 1.06 1.24 .30
PERRYVILLE PINE BLUFF PINE BLUFF CAA AP PINE RIDGE POCAHONTAS 1	1.52 1.40 1.96 3.14 .79	.25	T •07				.01			.04	Т	T • 01	. 22			Т				•71 T	.69 .73 .72 1.29	T •18					. 43	•02 •05	•05		T .03	.12 .12 1.15 .27 .39
PORTLAND PRESCOTT RATCLIFF RISON ROGERS	1.15 2.36 2.88 5.34 1.29	T .05	•15 •01								-16	•03	.85		. 46	Т	.10			•05	1.05 1.43 3.13	•01						T T • 03	*10 T		.05	T 1.15 1.45 .23
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM SEARCY	4.03 1.63 1.71 1.61 2.59		+04	*11 *16	.11						.05	T .95				+13				.57	1 • 4 1 I • 4 7 • 0 8 • 4 5 1 • 2 1	T .60				.06	т				T •03 •63	.05 .30 .70
SHERIDAN TOWER SHIRLEY 3 SE SILOAM SPRINGS SPARKMAN 4 E STAMPS	1.17 3.10 .49 .75 2.30	1.10	•30							Ť	т	•12 •05		т	.07	•07		•12			•50 •95 •24	.73 .01						•15	.03	Т	•12	.37 1.06 .05
STAR CITY 2 S STEVE STUTTGART STUTTGART 9 ESE SUBJACO	1.84 .70 2.39 4.26 2.48	•43		•12					•07	1.53		.04 1.24									.70 2.22 1.37	.99							T		• 12	1.03
SUGAR GROVE TAYLOR TEXARKANA WB AP R// TURNPIKE WALDRON	1.76 3.06 2.41 2.40 2.31	2.00									•97	1.04	T •02			•17	.45			•03 T	1.45 .07 .11 1.55 1.13	•31 •14			•06			•20 •12		.14	• 36 • 79	• 20 • 62
WALNUT GROVE WALNUT RIDGE CAA AP WARREN WASHITA WHITE ROCK	3.66 3.27 1.94 3.25 2.71	† 1.50				•08					T •24	•10 •57			Ť	. 30				1.48	.97 1.21 .23 1.50	Т				T	•45 •46	•15	T	.36	.76 .68	.35 .29 .42 .25
WHITECLIFFS WILSON WYNNE YELLVILLE	.85 3.90 3.42 1.00	.26	T								•42	•			.07					•07	.07 .81	Т									.08	.52 3.90 2.12

DAILY TEMPERATURES

ARKANSAS

Table 5			_										1111				011		_	_			_		-			-					age
Station	-	.	<u> </u>	.	. 1	- 1	-	7	8	9	10 1	1 12	2 1	3 1			Of Mo		18	19	20	21	22 2	23 2	24 2	5 2	6 2	7 2	8 2	9 3	10 31		Avera
ALUM FDRK	MAX	90	92	96	101	102	105	104 1	104 1	00	99	95 9	98	99	98	99	103 1	05 1	104	100	76	80	88	y 14	99	99					95 5 73 6		96.4
	MIN	67	67 92	71	70	70	73	73		71	105 1	04 5	99	99 1	02 1		105 1	04 1		71	85	81	85	92 1	00	9.8	97	89	93	96	93 1	,2	97.4
	MIN	71	70	71	70	72	72	71	72 ·	73	75				71	05	106 1			74	63	84	90	96 1	01	99	97	89	97	99 1	00 9	96	99.7
	MIN		69	72	68	70	69	102	73	74			92			74	67 100 l	73	74	74 98	71	78	84	92	96	93	93	70	91	43	92	91	94.8
BALD KNOB	MIN	67	67	68	67	71	72	74	69	72	67	66	65		68	98		68	68	67	61 96	59	81	86	93	98	94	96	89	89	94	95	97.6
BATESVILLE LIVESTOCK	MIN	65	67	66	66	65	66	66	65	55	66	65	63	69		62		68	70	72	72	50		92		58	91	90	90	94	93	y 0	95.9
BATESVILLE L AND D NO 1	MIN	69	71	70	69		68	70	70	69	70	69	67	72		65	65	7.2	76	72	63	57			59	63		65	65	72			96.5
BENTON	MAX	91 68	93 69	69	68	69	69	67	69	70	72	68	65	71	68 97	70	68	69	69	69	66	57			95	64 97	65	68	62 98	69 95		- 1	95.3
BENTONVILLE	MAX MIN	65	93 67	96 67	63	65	66	66	64	63	70	67	64		66	67	67	69	6.8	63	58	72		57	55	60	63	62 96	63	64		.	63.1
BLAKELY MOUNTAIN DAM	MAX	98 69	93 68	69	98	70	70	68	69	71	74	70	65	72	69	71	101	69	70	72	70	62	50	52	60	63	63	67	67	71			67.1 93.I
BLYTHEVILLE	MAX	95 71	95 70	98 71	101 73	104 72	70	96 69	67	72	92 65	90 67	67	72	71	65	64	71	72	67	72 60	52	51	57	59	60	65	63	64	69	67		99.7
BDONEVILLE	MAX MIN	96 68	98 68	103 74	105	107 67	109	106 70	107	72	105 76		68	69	77	76	109 72	72	75	69	73 65	55	89 52	95 57	60	97 66	64	69	70	75		66	68.4
BRINKLEY	MAX MlN	96 70	y7 64	99 70	101 72	104 70	107 71	105 73	105 74	99 71	98 71	93 1 69	70	101	101 72	96 69	102	104	102 74	98 70	8 B 6 4	79 56	84 52	91 56	60	67							67.7
CAMDEN 1	MAX MIN	92 70	98 70	95 71	98 69	100 72	103 75	105 70	102 72	102	104 72	103 1	69	100 72	79 75	73	102	103 73	102 72	100 73	70	75 60	60 54	53	55 55	64	67	65	69	95 70		67	97.4 68.7
CAMP CHAFFEE	MAX M1N	99	95 70	95 72	100	104	105	107	105	103 73	104 71	103 I 72	69	102 72	103 73	103 74	105	109 70	107 73	104 73	95 65	73 55	83 53	90 56	96	101 65	99 64	97 68	91 68	95 71		67	99.0 67.7
CLARKSVILLE	MAX	95	94 70	100	106	107	109	106	107	102 74	102 76	99 70					108	108 70	106 72	98 71	80 63	81 56	89 54	95 51	99 60	96 66	95 64	90	92 67	96 68	72	60	98.0
CDNWAY	MAX	94	95 72	98 72		105	107	106	104 72	100	98 78	93 71	101	102 76	103	102	106	107 71	104 73	99	74 65	82 58	86 51	96 56	102	98 72	97 65	94 72	93 69	97 74	95 74	71	97.8 69.3
CDRNING	MAX	97 71	96 71	100	103	106	103	99 69	103	97 68	99 65	91 68	99 68	102	98 72	97 67	101	96 74	106 75	101		79 54	85 51	93 60	95 63	92 62	97 67	90 66	89 65	93 72	93 68	90 66	95.9 67.3
CRDSSETT 7 S	MAX	88	93		100	100		102	100	103	104	100	99 68	97 71	98 72	100	100	101	100	100	93 71	84 59	90 52	95 51	100	99	98 61	88 70	85 69	97 73	96 71	96 67	96.9 67.4
CUMMINS FARM	MAX	91	92	96		100		102	101	99	101	95 64	98 67	97 69	100	9 9 70	101	102		100	93 64	82 53	83 52	90 53	97 59	93 69	95 60	92 64	92 68	95 71	94 68	45 69	95.9 67.0
DARDANELLE	MAX	92	93 72	9.8	100	103	106		103	98 75	97	97 72	101	101	99 75	101	104	106				78 58	84 53	92 59	97 63	92 70	95 65	91 70	90 69	94 74	92 75	90 65	96.0 69.9
DE QUEEN	MIN	95	98	101	104	109	108	'	105	106		106		105	106		107	106			79 68	81 56	91	97 51	102	100	100	98 67	90 68	9.8 72	99 72	97 63	100.5
DES ARC	MIN	92	90	93	98	102	104	104	100	102	97	97 66	96 65	100	101		100	101				70 53	80	84 53	91 58	97 67	94	93 71	89 68	90 71	94 73	93 68	95.4 66.6
DEVILS KNOB	MAX	90	8.8	3 90	97	100	103	100	98			94	96	97	93	96		102					80 58	88	93 73	88 70	98 68	81 65	82 63	87 67	83 63	82 60	91.4
DUMAS 1	MIN	68			7 100	103	105	103	104			100	101	102	102	100	105	105				81	86 53	95 55	100	100	100	82 71	90 67	98 73	98 72	99 71	98.2 69.9
EL DORADO CAA AP	MIN	76				104			101	104		71	100	100	97	103	101		99	100	77	82	86	93 51	98	97 65	94 70	86	89	94 71	96 69	95 66	96.2 68.6
EUREKA SPRINGS	MIN	70					72				74	72	69 98				100	99	99	94	70	76	87	96 65	98	97	95	90	94 66	87 69	88	90 69	93.7 67.7
	MIN	6.9	7 70	0 6	9 61	3 73	1 10	67	101	99	92	94	67	101	67 97			101		89	72	7.7		95	94	95		89	93	93 71	92	89	94.5
FAYETTEVILLE	MIN	70	7 (0 7	5 9	2 72	2 6	69	7.2	7.2	68	0.6	0.0	101	68	97	102	100	99	9 83	3 72	78	89	95	94	94	93	87	91	92	90 68	90	
FAYETTEVILLE CAA AP	MIN	6	7 61	8 7	0 6	7 6	7 6	6.	5 61	60	70	70	69	74	68	6	103	101	1 9	9 9	7 74	76	88	95	95	97	94	91	92	42	92	9.8	94.7
FAYETTEVILLE EXP STA	MAX	6	8 6	9 7	2 7	1 70	0 7.	2 6	7 60	5 70		70	69	76	66	100	105	10	7 10	5 8	5 60	, 40	1	94	58	93		91	91	92	91 65	88	
FL1PPIN CAA AP	MAX	6	5 9	0 7	0 6	/ /	1 6	2 01		, ,	1 "			1 '			103				7 50 9 88		87	94	100	98	95	69	92	97	95	95	97.2
FORDYCE 6 W	MAX	6	9 7	1 7	0 7	2 /	5 /	1 6	2 / (5 1	7 76			73	74	7.	2 70	7 :	5 7	5 7	5 60				100	98	70	92	96	99	73	95	98.9
FDRT SMITH WB AP	MAX	1 [7	0 7	2 7	(4) /	0 6	7 0	7 (< ' ·		3 102						i			- 1	9 64	4 56	5 54		100	95	66	, 40	91	14	3 72	92	
FT SMITH WATER PLANT	MAX M1N	1 6	4 6	6 6	6 6	2 6	1 6	1 0	3 6	4 0	1 100	0,		1 00	,									51	54	58	3 57	60	9 89	92	74	08	96.0
GILBERT	MAX	9	4 9	7 6	6 6	6 6	4 6	3 0	4 6	2 0	8 96		0.	7 "	, ,		. -						.	5.2	56	61	9 96	6	63		64		
GRANNIS	MA) MIN		9 9	2 9	71 7	2 7	2 6	9 7	2 /	1 /	2 104	10	0:	2 0	, ,		" "				0 6	7 60	56	5 3	62	64	4 64	6	5 69	72	2 68	65	67.4
GRAVETTE	MA: M1		8 6		95 9	9 10	7 6	5 10	3 IO 8 6	1 10 7 6	9 70) 68	100	6 7	3 6	7 6	9 6	7 10 9 6	9 7	1 6	0 5	8 4	5 45	6	3 5	7 6	2 68	5 6	6 66	66	8 66	61	65+1
GREEN MOUNTAIN	MA: Mli																												ы о	1	, Gri	40	94.3
HARRISON	MA Mli	X X	3 9	91	95 72	9 9	9 10	1 10	0 10	1 9 7 6	6 9	1 89 5 67	7 6	4 7	0 7	5 10	6 7	4 10	5 10	75 7	1 6	5 7	7 80	5	5 5	6	2 62	2 6	2 6	2 6	65	72	64.9
HELENA	MA M1	X S	76	93 73	96 19	77	75	75 7	2 10	1 10	6 7	9 94 6 71	7	8 9 7	8 10 7 7	6 7	2 7	1 10	12 10	77	77 6	5 5	9 5	7 5	8 6	9 7	70	7	2 6	9 7	4 92 3 71	7	71.7

DAILY TEMPERATURES

ARKANS/ AUGUST 195

Table 5 - Continued

DAILY TEMPERATURES

ARKANSAS AUGUST 1956

																Day	Oi M	onth															958
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
STUTTGART	MAX	96 71	95 71	99. 71	104 74	105	108	106	105	102	103	91 72	102	102	102	102	105	106 75	106 75	105 72	88 62	82 57	85 56	91 58									98.3 70.2
STUTTGART 9 ESE	MAX						101 70																	81 55								91 67	
SUBLACO	MAX MIN																																98.5
TEXARKANA WE AP	MAX MIN																																96.8 71.3
TURNPIKE	MAX MIN																							86 65					86 64				89.8
WALDRON	MAX																																98.
WALNUT RIDGE CAA AP	MAX MIN																							92 59									93.4
WARREN	MAX MIN																																97.6
WHITE ROCK	MAX MIN																																92.
WILSON	MAX MIN															98 70								94 59									94.
WYNNE	MAX	95 72	93 71	96 73	101	103	104	99 73	101	99 72	94 70	88 69	95 69	98 74	98 72	96 66	99	104 75	101	9.7 72	73 62	79 54	83 50	89 58	95 59	91 67	94 67	85 67	88 68	92 72	90 72	88 66	93.

Table 6

EVAPORATION AND WIND

																1	Day o	i moi	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLAKELY MDUNTAIN DAM	EVAP				.21		.30																			.27 26						.21	
HOPE 3 NE	EVAP WIND					. 37	.36	.23	.22	.54	. 36	.38	.30	.35	25	.31	. 29	.33	.40	.32	.35	.06 60	.25	.25	.27	.33		.61 39	.19	.22	.29	.20	9.06 915
MOUNTAIN HOME C OF ENG	EVAP					.26	.28	.29	.28	.32	.24	.12	.11	.26 14	.30	.24	.29	.28	.39	. 34	. 26 45	.09	.21	.20	.26	.25	.20	.22	· 21	.22	.25	.18	7.44
NARROWS DAM	EVAP					.33	.28	.37	.39	.33	.35	.35 36	.26 42	.27	.31	. 29	.23	.30	.36	.18	.18 45	.06	. 27 35	.29	. 22	.31 38	.34	. 36 51	-19 59	.19	.29 76	.26 74	8.45 1161
NIMROD DAM	EVAP				.29	. 30	.32	.22	.35	.34	.30	.19	.15	.27	.31	.25	.27	.31	.35	. 36	.14	- 3	. 20	.23 23	.23	.26	.11	.22	.20	.22 26	.28	.30 50	7.87 467
RUSSELLVILLE	EVAP		.22	. 33	. 20			.31	.37	.39	.19	.20	-27 10	.29	.29	.32	.13	.47	.40	.30	- 5	.16 9	. 30	*	.45 11	.25	.15	.19 7	. 16	.22	.16	22	7.93 273
STUTTGART 9 ESE	EVAP			. 20				.26																		.20							

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	ion	Observer	Refer to tables		Station	Index No.	County	Drainage :	Latitude	Longitude	Elevation	Temp.	ion	Refer to tables
Alicia Alum Fork	0064 0130 0136	Scott Lawrence Saline Yell Clark	7 1 3	35 04 35 54 34 48 34 47 34 17	93 29	755	5P	7A B	James V. Williams Ruby H. Owens L. R. Water Works Gurn B. Swaim Mrs. Alta P. Garner	3 3 C 2 3 5 C 3 C		Louann 2 SE Lurton Madison Magnolia 3 N Magnolia 5 N	4386 4528 4548	Union Newton St. Francis Columbia Columbia	2 4	33 22 35 46 35 00 33 19 33 20	93 14	130 2007 215 315 360	6P	6P Flora A. Hamilton 8A Lola I. Dollar 7A Loren R. Jones 7A Errl E. Graham MID Ark. Pwr & Lgt Co.	3 3 2 3 5 7
Antoine Aplin 1 W Appleton Arkadelpbia	0178 0188 0196 0220	Pike Perry Pope Clark Oesba	1 1 3	34 02 34 58 35 25 34 07 33 37	92 53 93 03	522 200	6P	7A E MIO J 6P E	Orew A. Lamb Bobart Watts John A. Jones Billmon E. Lawrence John W. Trammell	3 C 3 C 2 3 5 C		Malvern Mammoth Spring Marianna 2 S Marked Tree Marsball	4572 4638 4654	Hot Spring Fulton Lee Poinsett Searcy	2000	34 23 36 29 34 44 35 32 35 54	92 49 91 32 90 45 90 25 92 38	311 690 234 229 1050	5p SS	5P Malvern Fire Dept. 7A John H. McKee 6P Univ. of Arkansas 7A William M. Crick 7A Mrs. Minnie Borton	2 3 5 2 3 5 7 2 3 5 7 C 2 3 5 7 2 3 5
Atbens Augusta Bald Knob	0300 0326 0350	Little River Howard Woodruff White Independence	7 7	33 40 34 19 35 17 35 18 35 49	91 22 91 34	329 960 218 230 571	7P 6P 9A	7A A 7A C 6P U		2 3 5 3 C 2 3 5 2 3 5 C	ì	Marvell Maumee Melbourne Mena Monticello 3 S	4696 4746 4756	Pbillips Searcy Izard Polk Orew	7 7	34 33 36 03 36 04 34 35 33 35	90 55 92 39 91 54 94 15 91 48	195 749 610 1207 285		8A Sterlin Wallace MID Verne N. Cavenport 7A lvan L. Shrader 7A E. W. St. Jobn 5P Arkansas A & M Col.	3 C 3 2 3 5 7 C 2 3 5 7 C
Bear Creek Lake Beaty Lake Heaver 1 SE	0496 0512 0518	Independence Lee St. Francis Carroll White	5 7	35 45 34 43 35 05 36 28 35 04	91 38 90 42 90 43 93 46 91 53	400 930		5P L	James J. Mitchum J.S. Porest Service L. G. Adamson Harvey E. Skelton Lowell H. Perkins	2 3 5 C C 3 3 C		Montrose Morobay Lock & Dam Morrilton Mount Ida Mount Mngazine	4934 4938 4988	Ashley Cnlhoun Conway Montgomery Logan	3	33 19 33 19 35 07 34 33 35 10	91 29 92 27 92 45 93 38 93 41	125 85 280 663 2800	5p 7A 7p	M10 Ark. Pwr & Lgt Co. 7A Corps of Engineers 7A Emma S. Leavell 5p Willinm E. Black 7P U.S. Forest Service	3 C 2 3 5 2 3 5 2 3 5
Beedeville Henton Bentonville	0536 0582 0586	Greene Jackson Snline Benton Carroll	7 6 1	36 09 35 26 34 33 36 22 36 26	91 06 92 37	1295	6P 6P	8A M 7A H	B. B. Hammond D. M. Breckinridge drs. Etta C. Burks Harle L. Browne pavid L. Stidbam	3 3 2 3 5 2 3 5 3 C		Mountain Bome Mountain Bome C. of E Mountain View 1 W Mulherry 6 NNE Narrows Dam	5038 5046 5072	Haxter Baxter Stone Franklin Pike	2	36 20 36 20 35 52 35 34 34 10	92 23 92 23 92 08 94 01 93 43	800 800 768 500 425		7P Charles Shiras 8A Corps of Engineers 7A Nell A. Tapley 7A Henry G. Arvin 8A Corps of Engineers	2 3 5 7 2 3 5 6 C 3 3 2 3 5 6 C
8ig Lnke Outlet 8lack Rock Blakely Mountain Oam	0676 0746 0764	Polk Mississippi Lawrence Garland Yell	5 7 3	34 29 35 51 36 07 34 36 35 06	90 08 91 06 93 11	228 259 426	8 A 8 A	6P N 7A L 8A C	nna M. Liles N. W. Douglas Lee W. McKenney Corps of Engineers Corps of Engineers	3 3 2 3 5 6 C	i	Nashville Pench Substa. Nasbville SCS Nathan 4 WNW Newbope 3 E Newport	5114 5158 5174	Howard Howard Boward Pike Jackson	3 3	34 00 33 57 34 07 34 14 35 36	93 51 93 52 93 50	550 373 550 850 225	7A SS	7A Univ. of Arkansas MIO Soil Cons. Service 7A Edna J. Westfall 7A Eleie F. Ward 7A Luther O. Summers Jr	2 3 5 3 3 2 3 5 7
Blytheville Booneville Botkinhurg	0806 0830 0842	Nevada Mississippi Logan Van Buren Nevada	5 1 7	33 41 35 56 35 09 35 39 33 52	92 30	1200	6P 7P	7A 1 7A C	Paul M. Adams Lvy W. Crnwford Cleo E. Yandell Thomas M. Penrson Lris Elmore Wicker	2 3 5 7 2 3 5 C 3 C		Nimrod Dam Norfork Dam Odell Oden 2 W Okay	5228 5354 5358	Perry Baxter Washington Montgomery Boward	3	34 57 36 15 35 48 34 38 33 46	92 15 94 24 93 48	470 425 1500 800 300		8A Corps of Engineers WID Corps of Engineers 7A Mrs. Renzo Rurst 7A Station lnactive SP J. T. Rnrgis	2 ·3 ·5 ·6 · C · C · 3 · 3 · 5 · 5
Brinkley Buffalo Tower Bull Shoals Dam	0936 1010 1020	White Monroe Newton Baxter Mississippi	7	36 22	91 28 91 10 93 30 92 34 89 57	460	5P	5P R 7A B M10 C	Marshall Bickmon Rohert O. Schnefer Beulah F. Fowler Corps of Engineers G. A. Hale	2 3 5 7 C 3 C		Osceola Owensville Ozark Ozone Paragould	5498 5508 5514 5562	Mississippi Saline Franklin Johnson Green	1	35 43 34 37 35 29 35 38 36 04	92 49 93 50 93 27	250 500 396 1900 275	6p	8A Alwyn A. Cowan 8A Guy Cook 6A Burns Wakefield 7A Maurice R. Hrandt 4P Radio Station KDRS	3 3 2 3 5 7 3 2 3 5
Calico Rock Camden 1	1132 1152 1154	Pulaski lzard Ouachita Ouachita Sebastinn	3 3 1	36 08 33 36 33 35 35 18	92 49 92 51 94 18	116 155	7A 8A	7A A	3. M. Walther Austin D. Barris Jeonard B. Dillworth dith Z. Lehman J. S. Army	3 7 2 3 5 2 3 5		Paris Parkin Parthenon Porryville Pine Hluff	5586 5602 5694	Logan Cross Newton Perry Jefferson	1	35 18 35 16 35 57 35 00 34 12	92 49	222 925 325 215	5P	SS Fred J. Girard 7A Corine O. Gordner MID Arthur B. Carlton 7A Francis Finkheiner 7A Mary T. Scheu	2 3 5 3 C 2 3 5 2 3 5 C
Carlisle 1 SW Carpenter Oam Clarendom	1224 1238 1442	Searcy Lonoke Garland Monroe Johnson	3 7	34 41	92 44 91 45 93 01 91 18 93 28	172		MID A	roney Dell Horton John L. Tait Ark. Pwr & Lgt Co. 3. F. Northern Or. Irving F. Heach	C 3 C 3 2 3 5		Pine Hluff CAA AP Pine Ridge Pocahontas 1 Portland Prescott	5760 5820 5866 5908	Jefferson Montgomery Randolph Ashley Nevada	3 7 5	34 10 34 35 36 16 33 14 33 48	90 59 91 30	205 840 330 122 318	Sp	MID U.S. Civil Aero Adm 7A J. R. Ruddleston 7A Benedictine Sisters 7A Mrs. Pearl Newton 7A R. P. Hamby	2 3 5 7 3 2 3 5 7 2 3 5 7 2 3 5 7
Cold Springs Combs 3 SE Compton 2 NE	1520 1574 1582	Van Buren Scott Madison Newton Faulkner	7 7	34 58 35 48 36 06	92 28 93 54 93 48 93 18 92 28	1400 2166		7A M M1D M M1D W	Carl H. Riddick Margaret Zornes Maude C. Hrashears Milliam L. Binam Clarence S. Williams	3 3 C C 2 3 5		Prescott SCS Pystt 1 NNW Ratcliff Rnvana 1 NE Remmel Dam	5970 6008 6016	Nevada Marion Logan Miller Hot Spring	1	33 48 36 16 35 18 33 04 34 26	94 02	800 463 250		MID Soil Cons. Service WIO Ona V. McLenn 7A Lulu M. Weeks MID Honny L. Allen WID Ark. Pwr & Lgt Co.	3 C C
Cotter Cove Crossett 7 S	1640 1666 1730	Clay Baxter Polk Ashley Pulaski	7 4 3	36 17 34 26 33 02	90 35 92 31 94 25 91 56 92 26	1050 175	7A 5p	7A R 7A J 5P U	irs. Laura Polk Rohert T. Fielding Joe C. Allen J.S. Forest Service Virda Byrd	2 3 5 7 C 3 3 2 3 5 3		Rison Rogers Russellville Saint Chnrles Saint Francis	6248 6352 6376	Cleveland Henton Pope Arkansas Clay	1	33 57 36 20 35 18 34 23 36 27	91 08	231 1387 360 200 300	5P	8A J. N. Yaney SS Boward Fowler 5P U.S. Forest Service 8A Fish & WildlifeServ 7A William S. Huckley	3 2 3 5 7 2 3 5 6 2 3 5 3
Daisy Damascus Danville	1814		1 1 1	34 14 35 22 35 03 35 04	91 35 93 45 92 25 93 24 93 24	176 629 705 370 370	6P	7A F 7A W 7A J	Cummins Prison Farm Ferna Jones Tedder Milliam A. Brown J. A. Moudy Soil Conserv. Serv	2 3 5 3 C 3 7		Snlem Searcy Sheridan Tower Shirley 3 SE Siloam Springs	6506 6566 6586	Fulton White Grant Van Huren Benton	7 3 7	36 23 35 15 34 27 35 38 36 11	92 17	668 245 290 910 1150	6P	7A Jas. H. Caldwell 7A Adam C. Melton 6P Ark. Forestry Comm. 7A Maud B. Bradford 7A John Hrown Univ.	3 2 3 5 7 2 3 5 7 3 2 3 S
Oe Queen Denver 2 E Oermott	1948 1956 1960	Yell Sevier Boone Chicot Prairie	4 7	34 02 36 23	93 09 94 21 93 18 91 26 91 30	1028	5P	7A 0 M1D 8A L	CLOSED =	2 3 5 2 3 5 7 7/1/56 3 2 3 5		Smithville Sparkman 4 E Stamps Star City 2 S Steve	6768 6804 6820	Lawrence Dallas Lafayette Lincoln Yell	0,40	36 05 33 55 33 22 33 54 34 53	91 51	450 260 270 392 682		MIO A. R. Richardson 7A Mrs. Rachel Butler 7A Hubert Baker 7A Ark. Forestry Comm 7A T. P. Sims	3 3 3 3
Dumas 1 Oumas 2 Durbam 1 S Eagle Gap	2148 2150 2176 2204	Johnson Oesba Desba Wasbington Scott	2 7	33 53 33 53 35 57	93 24 91 30 91 30 93 59 94 19	162 165 1243		7P B MID A MID 7A M	irk. Pwr & Lgt Co. CLOSED Hazine M. Booper	2 3 5 7 7/1/56 3		Stuttgart Stuttgart 9 ESE Subiaco Sugar Grove Taylor	6920 6928 6940	Arknnsas Arkanens Logan Logan Columbia	1	34 29 34 28 35 18 35 04 33 06	93 48	214 198 500 500 247	7A SS	7A George L. Clark 7A Univ. of Arkansas 7A New Subiaco Abbey 9A CLOSED 7A ldelln O. Norwood	2 3 5 2 3 5 6 C 2 3 5 8/27/56
Eureka Springs Evening Shade Payetteville Fayetteville CAA AP	2356 2366 2442	Union Carroll Sharp Washington Washington	7	36 24 36 05 36 05	92 48 93 44 91 37 94 10 94 10	252 1465 490 1370 1253	7P MID	7A 0 7P 0 MIO U	7.S. Civil Aero Adm Mabel F. Spray Opha Wolfe Charles F. Ford J.S. Civil Aero Adm	2 3 5 7 2 3 S 7 C 3 7 C 2 3 5 2 3 5		Texarkana WB Airport Turnpike Waldron Walnut Grove Walnut Ridge CAA AP	7262 7488 7524	Miller Pope Scott Independence Lawrence	1	33 27 35 40 34 54 35 51 36 08	94 06 91 21	2087 675 250	6P 5P	MIO U.B. Weather Hureau 6P U.S. Forest Service 5P William O. Hivens 6P A. R. Fast MID U.S. Civil Aero Adm	2 3 5 2 3 5 7 C
Flippin CAA AP Fordyce 6 W Foreman	2528 2540 2544	Washington Marion Dallas Little River Scott	7 3 4	36 18 33 49 33 43	94 10 92 36 92 31 94 24 93 53	700 280 400	MID	MIO U 5P J MID L	J.S. Civil Aero Adm	2 3 5 C		Warren Washita West Fork Wheeling White Rock	7592 7694 7744	Bradley Montgomery Washington Fulton Frnnklin	3	33 36 34 38 35 55 36 19 35 41	92 04 93 32 94 11 91 52 93 57	680		6P Charley L. Sharp 7A Nora Lee Mayberry MID Effic D. Little MID Thomas W. Cone 7A U.S.Forest Service	2 3 5 3 C 2 3 5
Fort Smith WB Airport Fort Smith Water Plant Fountain Bill	2574 2578 2598	St. Francis Sebastian Crnwford Asbley Bempstead	1 1	35 20 35 39 33 21	90 47 94 22 94 09 91 50 93 48	458 793	MID 5P	7A R 6P J	Thomas A. Moore J.S. Weather Hureau R. J. Schoeppe Jethro R. Censon Loa J. Logan	2 3 5 7 C 2 3 5 3 3 3		whitecliffs wilson winfrey wing wing wynne	7912 7936 7950	Sevier Mississippi Crawford Yell Cross	1	35 34 35 44 34 57	94 04 90 02 94 06 93 28 90 46	237 1152 350	5P	7A L. M. Snead 7A D. O. Anderson MID CLOSED MID Miles B. Turner BS Wm. M. Courtney	3 2 3 5 7/1/56 2 3 5
Gilhert Glenwood Grannis	2794 2842 2908	White Searcy Pike Polk Yell	3	35 59 34 20 34 14	91 26 92 43 93 33 94 20 93 41	595 547 920	6p SS	7A C	tyrtle I. Price	2 3 5 7 C 3 2 3 5	:	Yellville	8084	Marion		36 13	92 41	760		7A Glenn R. Neshit	3
Green Forest Green Mountain Greenbrier	2946 2952 2962	Benton Carroll Stone Faulkner Sebastian	7 7 1	36 20 36 02 35 14	94 28 93 26 92 12 92 23 94 15	1350 1100 360	SS 7A	7A U 8A T	Elson H. Schmidt bled H. Wilson J.S. Forest Service homas H. Cantrell borotby M. Heen	2 3 5 7 3 2 3 5 3 3	%	Parke	5591	Scott		1 34 48	93 57	668	1	7A Homar K. Bansard	3
Rampton Hardy Barrison	3098 3132 3164	Clark Calhoun Sharp Boone Cleburne	7 7	33 32 36 19 36 14	93 06 92 28 91 29 93 07 92 01	202 362 1150	6P	MID T	oy S. Robbs Soil Cons. Service heresa Oonaldson Bea Gray Beene ester B. Logan	3 3 2 3 5 3											
Bector Belena Renderson 2 W	3235 3242 3258	Cleburne Pope Phillips Baxter Bempstead	2 7	35 28 34 32 36 22	92 03 92 58 90 35 92 16 93 33	580	6P 8A	7A I 7A I 7P I	ayne Stark Frene B. Timko harley M. Friddell Lucy A. Bentzien Cecil M. Hittle	2 3 5 6 C											
Hopper Horntio Bot Springs 1 NNE Buntsville Huttig Dam	3442 3466 3540	Montongery Sevier Gnrland Madison Union	4 3 7	33 56 34 31 36 05	93 41 94 22 93 03 93 44 92 05	337 710 1453	5p	6A 5P MID	Lona A. Shields Elizabeth W. Friday Natl Park Service May Pearl Markley Corps of Engineers	3 3 2 3 5 7 C 3 C											
lndex Jasper Jessieville Jonesboro Keo	3600 3704 3734	Little Biver Newton Garland Craighead Lonoke	7	36 01	94 03 93 11 93 04 90 42 92 00	857 730	6P 7P	7A 7A 7A	W. E. McDowell Lottie B. Oavis Lura B. Sykes Benedictine Sisters R. A. Waller	3 3											
Kingsland 3 SSE Lake City Lamar 2 SW Langley Lead Bill	3998 4019 4060	Cleveland Craighead Johnson Pike Boone	3 5 1 3	33 50 35 49 35 26 34 19	92 16 90 26 93 25 93 51 92 54	214 230 550	7p	MID (Claude W. Hunter Tressa St. Clair Peach Exp. Station Mahel F. Forrester F. W. Kellogg	3 C 3 C 2 3 5											
Lee Creek Guard Sta. Leola #Little Rock WB Airport Little Rock Filt. Pl. Lost Corner	4134 4248 4250	Crawford Grant Pulaeki Pulaski Pope	1 3 1	35 42 34 10 34 44 34 46	94 19 92 35 92 14 92 19 92 50	1000 261 257 512		7A 1	U.S. Forest Service J. R. Rhodes U.S. Weather Bureau L. R. Water Worke Catherine Russell	3		% Continuation of Fore	eter 4	WANT record.							

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you,

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office,

Observation times given in the Station Index are in local standard time.

Delnyed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and sensonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables; but for which dath are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is mensured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfull data in Table 7 ars for the 24 hours ending at time of observation. See the Station Index for observation time,

Snow on ground in Table 7 is at observation time for all except Weather Burenu and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent snapples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the Fecord.

Long-term means for full-tims stations (those shown in the Station Index as "U. S. Weather Burenu") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following mensurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the toermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windsbield.

 AM Data based on observational day ending before moon.

 Adjusted to a full month.

 Data for recorded stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.

 D water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 None or more days of record missing; ses Table 5 for detailed daily record. Degree Day data, if carried for this station have been add: to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

 Trace, an amount too small to mensure.

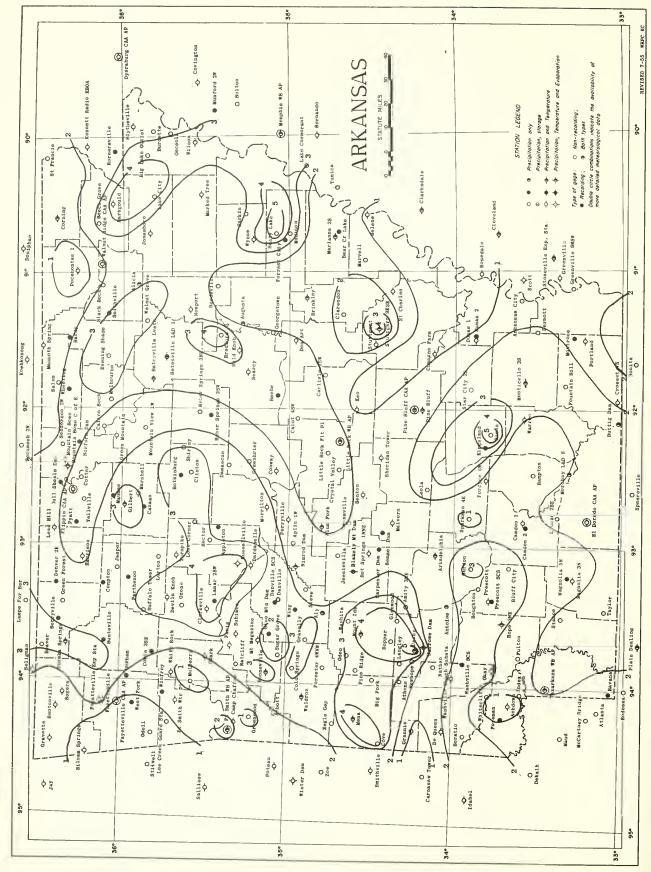
 Includes total for previous montb.

 Station recording the history of cherge in lections allowaters approximate and any any and the previous montb. aditisted

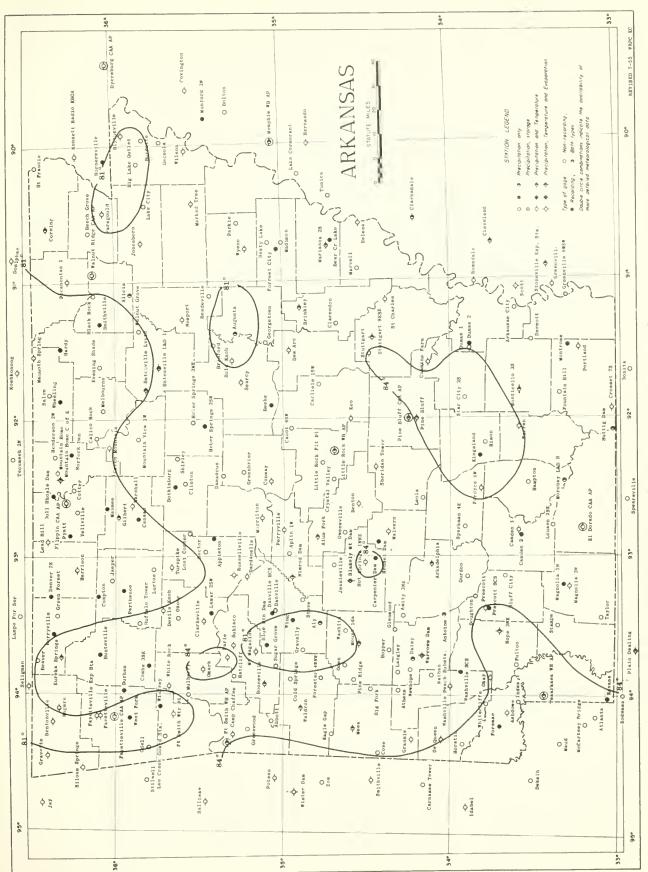
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents.

Subscription Price: 20 cents per copy; monthly and annual, \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC. Asheville. N. C. -- 10-4-56 -- 1075



Isolines are drawn through points of approximately equal values.



Isolines are drawn through points of approximately equal values.







U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

SEPTEMBER 1956
Volume LXI No. 9



ARKANSAS - SEPTEMBER 1956

WEATHER SUMMARY

September was sunny and dry. It was one of the driest Septembers of record at many stations. Temperatures averaged slightly below seasonal. The weather was favorable for harvest but was too dry for lawns and growing crops.

A cold front moved across Arkansas on September 1st followed by a mass of polar continental air. Temperatures dropped slightly below seasonal. Another cold front, followed by cold continental air, crossed the State on the 6th. Temperatures from the 7th to 9th averaged several degrees below seasonal and a few stations registered their coldest temperatures for the month on the 8th or 9th. The lowest temperature for the period, 36°, occurred at Lead Hill on the 8th and at Fayetteville on the 9th. Warm southerly air began flowing into the State on the 11th. Afternoon temperatures reached 90° or higher over most of the State from the 11th to 17th. The highest temperature for the month, 104°, occurred at Paris on the 16th. The cold front which crossed the State on the 17th dropped the temperatures to near seasonal. Warm afternoons and cool nights characterized the last few days of September. Many stations registered their lowest temperatures for the month during the final week. The lowest temperature for the State, 35°, occurred at Waldron on the 25th. Monthly mean temperatures ranged from 69.7° at Gilbert to 77.2° at Texarkana WB AP. Monthl mean temperatures were above the long-term means over a few northwestern counties and at a few stations scattered elsewhere but were below the long-term means over the rest of the State. The temperature departures ranged from -4.4° at Stuttgart 9 ESE to +2.6° at Rogers. Monthly mean temperatures were 3° or more below seasonal at several stations in eastern Arkansas.

Most days during September were almost cloudless. At Little Rock, the sun shone 92% of the time it was above the horizon. This is the highest percentage of record for any month at Little Rock. On nineteen days, the sun shone continuously during the daylight hours. There was only one cloudy day at Little Rock but there were several partly cloudy days. Little rain of importance fell in Arkansas during September except on the 1st and 19th. Light scattered showers of little significance fell on a few other days. Most parts of the State were very dry. Many stations received less than half their long-term means. No rain fell during the entire month at two stations, Newhope 3 E and Sheridan Tower.

Showers which fell on August 31st and on September 1st improved crop prospects locally and temporarily but drought conditions became worse after the passing of many rainless days. By the middle of the month, many communities needed rain. A number of counties were very dry. By the end of September, some areas were drier than at any time during the past two years. The drought reduced the yields of late feed crops. Pastures burned badly and stock water became critically low on many farms. Land preparation and the seeding of winter grains was delayed. Some fields were dusted in. The early seedings that had sprouted were not making satisfactory progress. Some came up to poor stands and some plants were dying. Cotton harvest was in full swing. Rice harvest progressed normally. Soybean yields ranged from very good on irrigated acreage to very poor in a few of the driest counties. Much corn and sorghum for grain was being harvested at the end of September. Late corn and sorghum produced low yields. Silage harvest neared completion. Early hay yielded well but late hay was poor. Pastures furnished little grazing. Most herds required supplemental feeding. Cattle continued to lose weight. The Arkansas River at Little Rock reached the lowest stage of record.

STORMS

Hail damaged irrigated cotton in several areas of northern Mississippi County on the evening of September 1st. About 6:00 p.m. on the 19th, lightning struck an oil storage tank in Union County. The tank and the oil it contained were destroyed.

Lucius W. Dye, Climatologist Weather Records Processing Center U. S. Weather Bureau Kansas City, Missouri

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave	erages		Numl	ber of d	sys with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30A CST	6130A CST	2:30P C 1	6130P + J	Trace	01-09	10-49	96-09	100-199	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrase to su
FORT SMITH W8 AIRPORT	NE	26	7.8	27	Sw	15	62	77	34	35	2	2					4	91	
LITTLE ROCK W8 AIRPORT	NNE	12	8.8	35	N	19	6.5	77	3.7	44.4	0	1	1				2	9.2	
TEXARKANA W8 AIRPORT	-	-	-	-	-	-	-	80	-	-	2	2					4		

CLIMATOLOGICAL DATA

TABLE 2

					Ten	рега	ture								P	recip	itation					
										. 1	Vo. of	Days					Snow	, Slee	t	No.	of D	ays
Station		e E	. E		Departure from Long- Term Mean	-				-	lax	Min.		Departure from Long. Term Mean	t Day			c. Depth Ground		More	More	_
		Аverage Махітит	Average Minimum	Average	ppar m L	ghesi	te	west	e l	gree	32° of Below	32° or Balow O° or Balow	Total	spar om I	eatest	e t	Total	G S D	Date	Į.	ŏ,	More
		ĄΣ	ĄΫ	À	D T S	Ē	Date	No.	Date	Degr 90°°	32 Bel	32 Bel Bel	ŭ	ŭ ž ř	Ğ	Da	P	Max. on G	ñ	97	35.	0.00
HIGHLAND DIVISION														.								
ALUM FDRK ASHODWN		89.8 93.1	58.0 57.2	73.9 75.2	0.1	97		42 2	1+	0 17	0	0 0	T 0 • 65	- 2.34	0 • 62	19	0.0	0		0	0	0
BENTON BENTONVILLE		88 • 9 87 • 3	53 • 1 52 • 5	71.0	- 3.6 - 1.2	96 98	15 15+	39	8+	2 15 33 16	0	0 0	1.13	- 2.80	0.98	1	0.0	0		2	1	0
BLAKELY MOUNTAIN OAM BOONEVILLE	ДМ	89.5 92.2	54.7 56.9	72 • 1 74 • 6		96	15+ 16	39 2		2 17 3 21		0 0	1.03		0.54	1	0.0	0		2	1	0
CAMP CHAFFEE CLARKSVILLE	АМ	91.6	55.5 56.0	73.6		100	15+	42 2	5	8 20 2 18	0	0 0	0.43		1.88 0.14	1 19	0.0	0		3	0	0
DARDANELLE		90.8	54.8	72.8	- 2.0	99	15	45 2	9+	4 19 0 15	0	0 0	1.79	- 1.56 - 2.16	1.10	1	0.0	0		2	1	1
DE OUEEN DEVILS KND8 EUREKA SPRINGS		94.5	55.8	75.2	- 0.4	100 95	16+	47	8	0 26	0	0 0	1.00	- 1.36	0.80	1	0.0	0		2	0	0
FAYETTEVILLE		87.6 89.1 87.5	58.0	72.8 73.7 70.7	0.5	98 99 98	16	41	8+	17 14 13 16	0	0 0	0.71	- 3.09	0.82	19	0.0	0		2	0	0
FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP	,	88.1	53.9 57.0 52.4	72.6	0.5	97	16	40 2	5	26 14 19 15 20 16	0	0 0	0.91	- 3.30	0.38	23	0.0	0		2	0	0
FORT SMITH WB AP FT SMITH WATER PLANT	R //	91.6	59.0 50.6	75.3 70.9	0.3	101	16 16 16	45 2	5 8	20 16 0 21 14 21	0	0 0	0.06 0.06 0.43	- 3.65	0.06		0.0	000		0 0 2	0	0
GILBERT GRANNIS		89.2	50.1	69.7	1.1	102	16	36 2	5 8+	20 14	0	0 0	0.38	- 3·19 - 3·50	0.18		0.0	000		2	0	0
GRAVETTE GREEN MOUNTAIN	AM	89.8	55.3	72.6	1.4	99	14+	41	9	14 17		0 0	0.85	- 3.38	0.52	i	0.0	0		2	1	0
HARRISON HOPE 3 NE	AM.	90 • 1 91 • 2M	50.5 59.5M	70.3 75.4M	- 0.4	102 98	16 30	37 2 53	5 8+	22 17		0 0	0 • 19 1 • 54	- 3.77 - 1.52	0.12	24	0.0	0		1	0	0
HDT SPRINGS 1 NNE LEAD HILL	9.11	91.8	61.5	76 • 7 70 • 2	0.9	99	27 16	52 2	5 8	0 20	0	0 0	1.81	- 1.56 - 3.51	1.45 T	1 2 3	0.0	0		2	1	i
LITTLE ROCK WB AP	R //	87.7 90.2	60.5 56.3M	74 • 1 73 • 3M	- 0.7	96 97	15	54 2	1+	0 13	0	0 0	0.28	- 2.57	0.25		0.0	0		1 2	0	0
MAMMOTH SPRING MARSHALL		90.6 87.9M	51.4	71.0	- 0.7	102	14+	40	8 +	13 15	0	0 0	0 • 62	- 2.90 - 3.67	0.40	19	0.0	0		2	0	0
MENA MORRILTON		89.0 90.1	59.3 56.2	74.2	- 0.1 - 1.8	97 98	17	50 2	5+	0 15		0 0	0.69	- 3.17 - 1.18	0.66	1	0.0	0		1	1	0
MDUNT IDA MDUNT MAGAZINE		90.6	53.5	72.1	- 1.0	96 95	14+	39 2	7+	0 16 7 22 11 4	0	0 0	1.38	- 2.09	1.34	1 19	0.0	0		1	1 0	1
MDUNTAIN HOME MDUNTAIN HOME COF ENG	АМ	87.6 87.0	56.7 53.8	72 • 2 70 • 4	0.4	99	16 17		8	4 12 22 11	0	0 0	0.63	- 3.12	0.34	19	0.0	0		3.	0	0
NARROWS DAM NASHVILLE PEACH SUBSTA	AM AM	91.5	55.2 59.2	73.4 75.3		97 98	18	43 2 53 1		0 22	0	0 0	1.68		1.64	1 19	0.0	0		0	1 0	0
NIMRDD DAM OKAY	ДМ	92.0	55.6 59.1	73.8 76.1	- 0.6	100 98	15+ 19	45 2	9+	4 72 0 24	0	0 0	1.16	- 1.87	1.16	1	0.0	0		1	1	0
DZARK PARIS		91.7 94.0	57.6 56.2	74.7 75.1	- 0.9	102	16 16	42 2	8+	1 20	0	0 0	0 • 18 0 • 32	- 3.22	0.10	19 19	0.0	0		1	0	0
PERRYVILLE RDGERS		91.8	49.9M 58.3	70.9M 73.8	- 2.1	101	16 15+	46	8	6 21	0	0 0	0.92 1.03	- 2.58 - 3.05	0.80	1	0.0	0		2	1	0
RUSSELLVILLE SHERIDAN TOWER		90.7 90.6M	55.7 56.1M	73.2 73.4M	- 1.0	99 97	16 13+	47 2	5	2 18	0	0 0	2.08	- 1.67	0.00	1	0.0	0		0	0	0
SILOAM SPRING2 SUBIACD		90.4	56.1	73.3	- 0.2	101	16 16	45 2	8+	11 18	0	0 0	1.14	- 1.50	0.69 1.40 0.08	1 1	0.0	000		2	1	0 1 0
TEXARKANA WB AP TURNPIKE	R //	91 • 3 83 • 5	60.3	77.2	0.0	98	19	48	7+	0 22 11 3 13 24	0	0 0	1.28	- 2.66 - 3.58	1.07	17	0.0	0 0 0		2 2	1	1 0
WALDRDN WHITE ROCK		93 • 2 85 • 1	50.9	72 • 1 73 • 7		101 95	16		7	13 24		0 0	0 • 60	- 2.56	0.25		0.0	0		3	0	0
OIVISION				73 • 2									0.83				0.0					
OELTA DIVISION																						
ARKADELPHIA 8ALO KNO8		90.8	57.7 53.8	74.3	- 1.9	98 97	27		5	0 20		0 0	1.50	- 1.27	1.35	1	0.0	0		2	1	1
BATESVILLE LIVESTOCK BATESVILLE L AND D ND 1	АМ	90.5	49.3	69.9		100	15+	39 2	5	9 14	0	0 0	0.56	- 3.08	0.46	1 "	0.0	0		2	0	0
BRINKLEY BRINKLEY		90.0 85.7 87.94	54.1 54.5M	69.9 71.2M	- 4.3 - 3.6	96	15	42 2	8 9	20 10		0 0	0.50	- 2.62 - 2.18	0.23	24	0.0	0		2	0	0
CAMDEN 1 CORNING	AM	91.5	57.4	74.5	- I · 1 - 1 · 2	98 100	2+ 14	46 2	5	0 21	0	0 0	1.39	- 1.70 - 3.19	0.94	1 19	0.0	0		3	1 0	0
CRDSSETT 7 S CUMMINS FARM		90.5	57.8	74.2	- 1.4	97	27	46 2		0 18	0	0 0	2.75	0.36	2.00	1	0.0	0		2	2	1
OES ARC DUMAS 1	AM	87.9	57.5	72.7	- 2.2	97	16	47 2	5	1 12	0	0 0	0.88	- 1.51	0.63	1	0.0	0		2	1	0
EL DDRAOD CAA AP FORDYCE 6 W		90.2	59.8	75.0 75.1	- 2.2	98	17	50 I 45 2	1+	0 20		0 0	0.95 2.50	- 1.94	0.56 1.60	1	0.0	0		2	1 2	0
HELENA		87.9	59.8	73.9	- 1.4	94	5+	48 2	8	0 11	0	0 0	1.04	- 2.24	0.99	1	0.0	0		2	1	0

TABLE 2 - CONTINUED

					Ten	npera	ture									P	recipi	itation				
										v)	No.	of Da	ays			Α.		Snow	, Slee	t	No.	of Days
Station		Average Maximum	Average Minimum	Average	Departure from Long- Term Mean	Highest	Date	Lowest	Date	Degree Days	Max Apono	Below 32° or Below	Min.	Total	Departure from Long- Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	ö	1.00 or More
JONESBORO KEO KEO MAGNOLIA 3 N MARIANNA 2 S MARKEO TREE MONTICELLO 3 S NEWPORT PARAGOULO PINE BLUFF PINE BLUFF CAA AP POCAHONTAS 1 PORTLANO PRESCOTT SAINT CHARLES SEARCY STUTIGART STUTIGART 9 ESE WALNUT RIOGE CAA AP WARREN WILSON WYNNE	AM AM AM	87.2 87.3 91.3 86.3 86.0 88.2 88.8 85.9 90.4 87.7 89.2 88.8 87.9 90.5 87.4 89.2 88.8 85.6 90.5 87.4 89.2	59 · 8 55 · 0 58 · 6 55 · 7 60 · 3 55 · 5 54 · 7 60 · 6 57 · 4 57 · 6 57 · 6	73.5 71.2 75.0 71.0M 70.9 74.3 72.2 70.3 75.5 72.6 72.6 74.1 72.9 73.1 74.0 70.9 74.9 74.9	- 0.9 - 2.6 - 3.1 - 2.5 - 2.1 - 1.0 - 3.3 - 2.5 - 1.4 - 1.2 - 4.4 - 1.3 - 3.3 - 3.0	94 99 95 99 97 100 95 96 95 97 97 97	15 14+ 1 15 14+ 14 14+ 14+ 14+	44 46 43 46 45 47 41 51 48 50 48 49 49 47 50 47	28+ 21+ 25	0 3 4 1 2 8 0 0 0 0	12 23 9 9 12 12 8 17 11 14 12 20 10 13 15 8 10 17 7			0.58 1.62 1.41 2.14 2.51 1.40 0.88 0.93 1.56 0.94 0.03 2.07 2.91 2.46 1.30 3.40 2.69 0.25 1.69 0.40	- 2.78 - 0.69 - 0.60 - 0.45 - 2.56 - 1.81 - 3.31 - 0.53 - 0.01 - 1.63 0.31 0.06 - 1.62 - 2.20 - 2.20 - 2.20 - 2.61	0.32 1.28 1.41 1.90 1.72 1.40 0.59 0.47 0.80 1.70 2.25 2.30 0.25 3.00 2.58 0.20 1.15 0.40 0.38	1 1 1 6 1 1 1 1 9 19 19 1 1 1 1 1 1 1 1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2 2 1 2 2 3 0 3 2 2 2 2 1 2 1 2 1 2 2	0 0 1 1 1 1 1 1 1 1 1 1 0 0 0 1 1 1 1 1
OIVISION				72•6										1.40				0 • 0				

Table 3											-									-					
Station	Total	1 2	3	4	5	6 7	8	9	10	11 1			month 15	4	17	18	19 20 21	22 23	3 24	25 2	6 27	28	29	30	31
BBOTT LICIA	.56 .24 T	•56 T															. 20 T . 20		+04						
LUM FORK LY MITY 3 NE	1.03										1						.10		T -19						
NTOINE PLIN I W RKAGELPHIA RKANSAS CITY ISHDOWN	1.50	. 82													*17	•15 •23	.02 .03		08 T						
THENS NGUSTA SALO KNOB SATESVILLE LIVESTOCK BATESVILLE L ANO O NO 1	1.15 2.73 1.42 .56 .46	1.23	1.17														. 33 . 40 . 46 . 26		т		Ť				
BEATY LAKE BEAVER 1 SE BEECH GROVE BEEOEVILLE BENTON	1.67 .59 1.00 1.13	.46													.05		•21 •05 •26 •20 •54 •15		.27						
BENTONVILLE BERRYVILLE 4 NW BIG FORK BIG LAKE OUTLET BLACK ROCK	1.42 .78 .65 2.24	.30									Ì				.01		.04 11.90 T		.43		т				
BLAKELY MOUNTAIN OAM BLUFF CITY BLYTHEVILLE BOONEVILLE BOUGHTON	1.37 .50 1.01	.54 1.30 .17 .86 1.61														т	.49 .07 .07 .03		. 23	3					
BRAOFORO BRINKLEY BUFFALO TOWER BURCETTE CABOT 4 SW	1.80	.53 1.60 .05 .22														•03	+21 +87		.10						
CALICO ROCK CAMDEN 1 CAMP CHAFFEE CARLISLE 1 SW CLARENOON	.88 1.39 2.00	.18 .94 1.88		ŀ											•02	.15		1	.31	0				T	
CLARKSVILLE CLINTON COLO SPRINGS CONWAY CORNING	. 43 . 56 . 43	.13 .30 .30 1.65													.10		.14 .26 .13 .14 .16		.06			1			
COTTER COVE CROSSETT 7 S CRYSTAL VALLEY CUMMINS FARM	1.42 2.75 1.7	2 1.42 5 2.00 1 1.71 2 .92		.0	2	-	-		-	-	-	•			•0	8	.62	1	•0	- 3					
OAISY OAMASCUS OANVILLE OARDANELLE	.5	1 .76 5 .40 5 1.21 5 1.10														•0	.05 .15 .32 .09		.20			ì			
OE QUEEN OERMOTT OES ARC OEVILS KNOB OUMAS 1 EAGLE GAP	1.4	8 .87 8 .63 7 .10		-	_	_	_		-		-	-	_	ŀ		-	•30 •25 •07 •46	.] -	.07 -	-			, -	-	1
EL OORAGO CAA AP EUREKA SPRINGS EVFNING SHAGE FAYETTEVILLE FAYETTEVILLE CAA AP	.9 1.4 .3	2 .82 7 .16				T									.0 .0 T	18 T	*07 *21 *42	1	.27	45					
FAYETTEVILLE EXP STA FLIPPIN CAA AP FOROYCE 6 W FORT SMITH WB AP FT SMITH WATER PLANT	2// 00	06 1.60		1											т		T .90 .93 .03 .05 .08	_	.06 T				_	-	
FOUNTAIN HILL FULTON GEORGETOWN GILBERT GLENWOOO	1.	- 18 1.06 93 .93 38 .12 17 .67	-	-	-	-	-			-	•	-			•02		.12 T .16 .12		T *	04					
GRANNIS GRAVELLY GRAVETTE GREEN FOREST GREEN MOUNTAIN	1.	85 .52 40		_ -		-			-	-	-		-	-		-	.17	- -	.32	40	-	- -		-	
GREENBRIER GREENWOOO GUROON 3 E HAMPTON MARRISON	1.	- 00 1.00 75 1.60 59 1.55	-	- -		•	-					-			Ť	Ť	7 •15 •04 •07			. 12					
HEBER SPRINGS 3 NE HECTOR HELENA HENOERSON 2 W HOPE 3 NE	1	21 1.10 95 .74 04 .89 52 .09 54 1.54															•21 •02 •36 T			•27					
MOPPER HORATIO HOT SPRINGS 1 NNE HUTTIG OAM INGEX	1 3	06 .74 58 .56 81 1.45 44 1.15															.36 .36 .38		1	.02 .73					
JASPER JESSIEVILLE JONESBORO KEO LAKE CITY	1	09 .04 01 .67 58 .20 .62 1.26	.01														.33 .32 .06 .34 .30 .03			Ť					
LANGLEY LEAO HILL LEE CREEK LEOLA LITTLE ROCK WB AP		.91 .81 T .51 .16	6													•05	.10 .15 .25		Ť	.20					
LITTLE ROCK FILTER PL LOST CORNER LOUANN 2 SE LURTON MADISON	2	.29 .01 .08 1.8 .16 .0:	1 8	-			-	-			•	-		-		-	.05 .03	-	.27						
MAGNOLIA 3 N MALVERN MAMMOTH SPRING MARIANNA 2 S MARKEO TREE	1	.41 1.4 .43 1.0 .62 .2 .14 1.9	1 3 2 0			1.7	72										+40 +40 +15 +32 +25	1	.79						

DAILY PRECIPITATION

T-bl-	0 00	m times	- 4

		ARKA	NSA !
SEF	TEM	BER	195

Table 3—Continued	7			_					-				-	-			Do	y of 1	nonth															rember	
Station	Total	1	2	2	3	4	5	(6	7	8	9	10) 1	1	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARSHALL MARVELL MELBOURNE MENA MONTICELLO 3 S	.36 5.66 .54 .69	5.6 .1	6 5 6											12			.11			т		T	.39												
MOROBAY L AND O NO 8 MORRILTON MOUNT 10A MOUNT MAGAZINE MOUNTAIN HOME	1.91 1.65 1.38 .23	1.5	7																		4		08 •04 •23 •34				.15	Т							
MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 W MULBERRY 6 NNE NARROWS OAM NASHVILLE PEACH SUBSTA	.53 .54 .25 1.68	1 • 2 T 1 • 6	0																		T	т	.30 .34 .25 .04					*15 T							
NATHAN 4 WNW NEWHOPE 3 E NEWPORT NIMROO OAM OOELL	.17 .00 .88 1.16	1.1	6						l													•09	•29				•08	.30			Т				
ODEN Z W OKAY OSCEOLA OWENSVILLE OZARK	.85 .95 .28 .20	.2	0																			•04	.05 .08 .20												
OZONE PARAGOULO PARIS PARKIN PARKS	•23 •93 •32 •47 •33	.4 .0	0 5 9																		Ť		•11 •47 •27 •28				•06								
PERRYVILLE PINE BLUFF PINE 8LUFF CAA AP PINE RIGGE POCAHONTAS 1	1.56 .94 .55	.7 .2	6																				•12 •80 •64 •12 •03				•10			T					
PORTLANO PRESCOTT RATCLIFF RISON ROGERS	2.07 2.91 1.40 2.69 1.03	1.2	5 3 7																		T	•12 T •17	•25 •01				•20	.65 .78							
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM SEARCY	2.08 2.46 .53 .73 1.30	2 • 3 • 3	0 T 8 9																				.05 .16 .34	.15											
SHERIOAN TOWER SHIRLEY 3 SE SILOAM SPRINGS SPARKMAN 4 E STAMPS	*00 *12 1*14 *84 2*08	.6	4																			т	•12				T	• 36	5						
STAR CITY 2 S STEVE STUTIGART STUTIGART 9 ESE SUBIACO	.85 1.75 3.40 2.69 1.89	1.1 3.0 2.5	0																				.85 .65 .35 .10	•05											
TAYLOR TEXARKANA WB AP R// TURNPIKE WALORON WALNUT GROVE	.96 .13 1.28 .60	T 1.0	7																		•08 T		.05 .09 .20				.12								
WALNUT RIOGE CAA AP WARREN WASHITA WHITE ROCK WHITECLIFFS	• 25 1 • 69 T • 62 • 70	1.1	3																		Т	+22 T	•20 •54 T •25				т	• 12	2						
WILSON WYNNE WILSON	• 40 • 66		8 _		_	_	_			_		_	-		_	_	-	_	_	-	_	-	• 28	• 40 -	_	_	_	_	_	_	_	-	_	~	

CUSA	able 5									D	ΑI	LY	T	EIV	IPE	ER <i>P</i>	T	UF	RES	5												A >E≻TEMB	RKANSAS ER 1956
1956	Station																Day	Of M	onth														rage
31			1	2	3	4	5	6	7	1	9	10		12		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Ave
	LUM FORK	MAX	91	85 56	54	90 55	9 <i>2</i> 58	65	80 55	80 53	55	54	93 56	93 57	94 57	97 64	96 68	96 65	94 66	88 59	89 62	8 8 5 6	89 52	90 58	90 63	85 58	85 52	90 52	94 59	93 52	95 55	93 59	89.8 58.0
	RKAOELPHIA	MAX	64	90 58	58	91 58	92 61	66	80 59	82 51	86 54	8 8 5 7	91 54	93 57	94 60	96 62	97 66	94 59	95 63	91 61	90 63	5 7	93 52	94 58	90 63	8 6 6 0	87 42	93 54	98 54	93 56	92 53	96 52	90 · 8 57 · 7
	SHOOWN	MAX	92 67	92 59	94 58	94 64	92 63	9 Z 6 3	87 61	84 51	86 48	91 54	93 52	94 57	96 65	96 66	98 67	97 60	95 63	95 59	100 59	93 50	95 53	95 59	94 63	62	88 42	92 44	96 51	94 51	96 52	94 54	93.1 57.2
	IALO KNOS	MAX MlN	85 64	85 56	86 54	87 53	92 57	86 61	76 55	77 51	81 55	85 53	89 50	92 52	93 53	96 57	97 63	94 65	9 0 60	83 57	86 55	84 51	85 46	90 51	88 57	81 57	83 45	91 47	90 52	86 45	92 44	90 48	87.3 53.8
	SATESVILLE LIVESTOCK	MAX M[N	9 4 5 8	86 47	87 48	87 46	92 49	94 52	84 45	84 46	85 48	85 45	89 46	94 56	97 57	97 60	100	100	100	93 46	87 48	. 89	81 41	88	93 57	82 43	84 39	88	95 45	93 43	89 43	97 48	90.5
	BATESVILLE L AND O NO 1	MAX	86 67	89 52	88	90 50	95 53	90 59	80 53	80 43	85 41	88 48	93 56	95 57	95 57	98 65	99	97 73	95 65	85 49	88 56	88	89 46	93 52	89 61	84	86	92	90	88	95	90 50	90.0
	BENTON	MAX MIN	87 64	8 7 5 3	87 53	89 51	91 55	84	78 57	78 49	82	85 51	89 50	91	93 55	95 58	96 61	95 56	93	87 56	90	82 48	90	92	88 59	87 56	85 42	91 45	95	90	95 45	94	88.9
	BENTONVILLE	MAX MlN	72 51	92 55	90	90 55	90 50	78 55	72 42	75 39	81	90	96 54	97	95 62	9 7 70	9.8 70	98	85 62	85 51	85 58	85 43	94	94	75 59	78 42	82	89	90	92	93	82	87.3
	BLAKELY MOUNTAIN DAM	MAX	91	88	89	88	91 57	93	84	79 49	81	84	87 51	92	93	94	96	96	96	94	88	91	84	91	90	85	84	85	91	95	91	94 51	89.5
	BLYTHEVILLE	MAX	82	87	86	90	94	82	74 48	78	81	86	88	92	93	95 65	96	94	87	80	82	74	87	92	77	78	82	90	82	83	91	89	85.7
	BOONEVILLE	мах	89	91	90	92	94	83	79	82	83	91	96	98	97	100	67	102	91	90	93	88	98	98	86	87	89	93	96	95	99	98	92.2
	BRINKLEY	MAX	0.7	>>	56	88	92	63	79	78	83	51	55 86	90	61 90	67 94	94	69 95	94	63 86	63	82	58 85	65 91	63	51	84	39 86	90	56 87	91	53 92	56.9 87.9
1	CAMOEN 1	MEN	96	98	89	90	91	92	54 89	80	82	5 l 85	87	90	91	94	97	98	65 95	97	92	93	88	93	95	56 94	86	87	91	97	93	50 96	91.5
	CAMP CHAFFEE	MIN	68 95	87	92	92	62 92	95	83	80	50	5 5 8 2	92	96	57 97	67 96	72	99	100	90	58	92	50	53	61 96	61	84	86	93	51 96	95	52 97	57.4
	CLARKSVILLE	MIN	92	56 88	55	60	60 92	66	56 79	80	83	50 88	93	56	58 97	63	66 99	64	65	58 87	62	4.7 85	58 93	60	62 87	4 9 8 6	88	45 93	48	53	55 97	50	55+5 91+0
1	CONWAY	MIN	63	56 88	55	57	57	62	58	45 80	4.8	52	93	57	59 96	65 98	64	63	66	55	62 91	49 87	55	62	90	48	42 87	93	49	55	57	55	56.0
1	CORNING	MIN	86	54 91	54	53	56 96	62	57	80	43	50	93	56	60	66	73	68	63	52	60 87	47	47	93	63	51	43	48	55	4.8	49	54	54.8
1	CROSSETT 7 S	MIN	66	56	55	55	57	63	48	46	48	52	59	63	62	67	67	68	64	48	55	50	92	55	62	46	45	49	56	46	46	52	55.0
l		MIN	65	61	57	64	63	64	61	54	57	5 3	51	53	58	64	66	61	66	55	61	61	50	59	66	64	50	47	5.2	5.2	46	52	57 - 8
l	CUMMINS FARM	MAX	93 63	57	85 55	85 58	90 60	63	75 55	79 49	83 51	85 52	50	52	92 56	96 61	96 60	93 59	92 62	86 53	88 58	52	88 48	92 55	89 60	59	83	88 46	90	8 7 4 5	92 45	91 51	87.9 54.5
ľ	DAROANELLE	MAX	64	89 56	57	89 56	90 58	86 66	77 55	79 50	81 48	8.8 5.4	92 58	60	96 65	9 7 70	9.8 70	99 68	90 69	85 58	89 65	52	92 54	94 59	89 63	53	85 45	91	95 53	90 55	96 53	92 55	89.5 57.9
1	DE QUEEN	MAX	92 65	91 56	94 57	95 62	97 62	93	85 58	86 45	88	93 52	95 52	97	98 59	99 63	99 64	100 59	97 60	95 58	63	92 49	97 53	95 60	95 62	92 58	89 43	93 45	98 48	96 51	98 53	97 53	94.5 55.8
1	DES ARC	MAX	92 67	87 58	87 57	88 57	89 60	91	89 56	76 56	7.8 5.3	8 2 5 4	86 57	90 60	92 63	93 68	96 71	97 68	95 65	90 57	86 60	89 51	79 50	85 55	90 63	87 58	8 1 4 7	82 49	91 55	88 49	87 48	93 50	87.9 57.5
	DEVILS KNO8	MAX MIN	82 59	81 63	80 63	84 63	85 64	83 59	72 48	73 47	76 50	83 59	88 62	90 64	90 66	93 69	93 70	95 70	90 64	79 55	85 59	79 55	85 54	89 65	82 63	77 50	80 53	88 62	91 67	88 60	90 61	89 63	84.7
	DUMAS 1	MAX MIN	89 67	86 60	8 8 6 7	83 62	90 61	88 66	78 58	80 50	8 5 5 2	88 55	90 54	94 57	96 56	99 67	98 67	98 63	95 69	90 56	91 60	83 55	90 50	95 60	88 65	84 63	84 47	89 50	92 59	89 48	95 48	92 55	89.6 58.2
l	EL OORAOO CAA AP	MAX MIN	85 66	89 64	91 65	90 64	93 64	90 67	79 60	90 52	85 55	86 55	89 50	90 55	92 63	95 65	94 69	94 64	98 71	92 60	93 64	87 61	92 51	95 64	93 64	84 62	84 55	89 50	93 56	90 53	94 52	91 53	90 • 2 59 • 8
ľ	EUREKA SPRINGS	MAX	81 56	89 60			91 51	83	70 48	74 46	80 49	90 58	92 64	95 67		96 74	97 74	98 73		82 53	85 62	85 49	92 60	94 68	88 61	77	81 45	89 51	91 55	92 56	93 64	81 51	87.6 58.0
l	FAYETTEVILLE	MAX MIN	83 57	9 1 6 1	93	92	95 61	81 57	73 49	79 41	86 41	90 59	96 63	97 67		97 74	98 75	99 73		85 56	87 60	87 47	91 63	94 67	81 62	80		88 47	91 48		92 63		89.1 58.2
l	FAYETTEVILLE CAA AP	MAX	83	90 54	90	92 55	93 52	75 58	72 44	80 37	84	89 47	94	95 65	94 66	96 74	96 74	98 69				84		92	72 57	79 43		89 45			91 58		87.5 53.9
ı	FAYETTEVILLE EXP STA	MAX MlN	81 56	89 58	90	90	92 56	87 57	72 48	77	84	88	94	95	94	96 79	96 76	9.7 75	95 67	84 54	85 63	84	91	92 65	80 61	78 46		89	90		92 63		88.1 57.0
ı	FLIPPIN CAA AP	MAX	83	90 51	89 52	90	92	79 55	76 48	80	83	90	97 55	98 57	97 56	99	99 71	102		83		81	92 52	94	73 51	82			93		95 51		88.9
	FOROYCE 6 W	MAX	93	94	88	91	93	89	81 58	82	84	87	90 57	92 52	93 67	9 7 6 8	97		97 68	92		87		93	90 66	86		91 53			97 56		91.1 59.0
ľ	FORT SMITH W8 AP	MAX MIN	88	92	92	92	94	84	80	81		91		9.8	98			101	91	90	93	88	96	97	84	85	85		95	95	97	94	91.6
ı	FT SMITH WATER PLANT	MAX MIN	85		90	93	94	91	79	82	84		94	95	96	97	98	100	98	8 9	88	85	93	94	92	84	83		93		95		91.1
ı	GILSERT	MAX	83	88	8.8	89	91	80	75	78	81	89	95	96	96	98	99	102	92	8 7	87	84	91	95	84	82	84		93	94	97	86	89.2
ı	GRANN 1S	MIN	89		92	93	94	55	80	83	86	90	93	93	95	97	96	9.8	94	94	96	94	92	93	93	8 7	86	93	96	95	94	95	92.0
	GRAVETTE	MIN		92			63 95			79	85		96		96	99		99	90	87	88	88	94	95	87	81	85	91	84		93	85	89. B
	GREEN MOUNTAIN	MIN	51	57	54	59	56	55	47	42	41	52	60	65	6.5	6.8	12	0.4	02	56	0.1	46	0.0	00	60		42	40	44	30	00	,,,	7545
	HARRISON	MIN					94						. 96								88	82			80			92		94			90.1
	HELENA	MIN I	9.7	8.0	8.7	8.7	48	85	79	81	85	8.6	52 87	90	90	68	94	92	93	85	8.8	82	89	92	87	84	85		89	86	90	91	87.9
		MIN	66	62	59	63	65	66	57	53	55	5 7	58	58	64	67	72	65	69	60	58	5.8	52	60	65	62	52	52	62	48	50	58	59 - 8

See reference motes following Station Index.

DAILY TEMPERAT URES

ARKANSAS SEPTEMBER 1956

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Table 5 - Continued										2 11	г,	11	L1*.			11															SEPTEMB	
Station		L									-			- 1			Of M										_			_		erage
		1	2	3	4	5	6	7	8	9	10	11	12		14	15	16	17	18	19	20	21	22		24			27		29	30 31	Aver
HOPE 3 NE	MAX	96 65		90 60	90 59	90 6 2	92 66	88 61	79 53	81 55	84 58	87 54	91 56	92 63	94 66	9 6 70	97 66	96 67	96 62	92 63	94 59	88 53	94 54	94 62	61	86 54	8 5 53	54	97 56	94 56	98 57	91.2 59.5
HOT SPRINGS 1 NNE	MAX	89 64	91 64	88 60	93 61	93 64	8-7 5-7	83 57	86 54	86 56	88 62	93 63	94 56	95 60	97 71	98 68	97 70	97 64	90 62	94 68	87 60	93 57	92 67	88 68	89 59	90 52	95 57	99 66	93 59	96 60	93 5 9	91.8
JONESBORO	MAX	85 68	88 68	85 60	89 59	94 62	87 67	74 55	77 54	82 57	86 56	90 61	94 63	95 6 5	97 69	98 72	96 69	99 69	83 58	84 57	79 55	87 50	92 57	7 5 60	79 58	83 50	82 54	85 61	86 50	95 50	90 60	87.2 59.8
KEO	MAX MIN	85 65	86 55	84 55	87 54	90 59	85 61	75 55	78 48	81 49	85 52	89 51	91 54	92 58	94 63	95 65	93 69	92 64	84 53	87 61	80 52	86 47	91 54	87 59	82 57	83 44	88 47	93 55	93 47	93 47	91 51	87 .3 55.0
LEAO HILL	MAX MIN	84 60	90 49	90 50	90 48	92 49	79 48	75 38	80 36	84 37	92 44	98 50	99 57	98 55	101 66	100 68	103 65	92 61	85 46	90 57	85 41	95 52	97 56	82 55	82 43	85 38	93 42	95 46	95 45	98 90	83 48	90.4 50.0
LITTLE ROCK W8 AP	MAX	86 66	86 60	85 60	88 59	92 63	81 65	77 58	78 55	82 55	86 58	91 59	92 61	93 63	95 67	96 69	95 66	91 68	84 61	88 63	80 58	87 54	90 60	86 65	82 60	84 56	91 57	93 61	87 56	93 54	91 59	87.7 60.5
MAGNOLIA 3 N	MAX	90 66	89 61	91 61	91 60	93 62	90 65	80 59	81 51	85 54	87 55	91 53	92 58	95 6 9	97 70	96 67	96 65	93 65	94 58	96 63	94 50	94 52	96 63	92 63	85 60	85 46	90 49	96 51	94 51	97 56	90 56	91.3 58.6
MALVERN	MAX	91 63	89 56	88 55	90 55	93 59	84 65	79 58	80 52	89 50	87 58	91 51	92 59	93 58	96 61	97 62	9 5 59	96 63	88 56	91 63	87 55	86 49	93 54	88 62	85 57	86 45	91	9 6 52	96 51	95 48	94 57	90 • 2 56 • 3
MAMMOTH SPRING	MAX	87 67	92 52	92 53	93 51	95 53	81 58	77 45	80 40	86 41	91 48	97 52	99 58	100 56	102	101	102 64	87 62	85 48	89 54	82 45	90 46	97 52	86 50	83 44	86 41	95 45	89 46	89 45	97 45	87 50	90.6 51.4
MARIANNA 2 S	MAX	95 64	85 59	84 56	84 57	91 62	88	75 55	78 50	81 48	83 54	85 54	88 56	89 59	91 64	9 <i>2</i> 68	90 60	91 64	84 54	87 58	79 52	86 50	90 58	88 64	82 60	83 45	88 49	88 53	84 43	90 44	90 56	86.3 55.7
MARKEO TREE	MAX	84 66	87 57	85 56	90 57	92 60	87 65	75 52	77 49	80 48	85 52	88 56	90 58	92 58	94 65	95 68	92 65	89 64	80 51	82 56	79 50	85 48	90 55	85 63	80 54	82 50	89 49	84 53	83 46	91 46	89 54	86.0 55.7
MARSHALL	MAX	83	86 57	86 53	87 50	96 53		74	8 I 8 E	81 47	87 50	92	92	94 65	96	97 69	99 73	89	84 49	80	42	88	92	85 62	81 41	84 38	89 45	92 47	93	85 54	87 50	87.9
MENA	MAX	82	88 56	88	89 60	91 61	83	75 57	78 54	83 55	88 56	92 59	91	93 56	95 6 8	95 69	9 6 67	97 68	87 61	90 63	88 54	93 54	92	88 64	83 59	84 50	89 58	92 50	93 57	94 59	94 59	89.0 59.3
MONTICELLO 3 S	MAX	92	85	88 58	84	88	87	80 63	79 53	83 56	85 57	90 55	91	91 62	94 67	94	93 67	92 68	89 67	89 61	86 59	89	92 64	88 65	83 62	83 45	88 58	92 58	88	92	91 58	88.2 60.3
MORRILTON	MAX	88	88	87 55	90 53	92 56	88	78 54	80 50	83	89 52	94 54	97 56	96 61	98	94 72	98	92 67	88	92 63	84	92	94 58	85 63	86 55	88 46	94	88	92 50	95 51	93 52	90 • 1 56 • 2
MOUNT IOA	MAX	87	89 52	89	91 54	92 58	91	77	80	83	87	91	92	93	96 65	95	95	93	90	92	89	92	90	91 65	92 54	90	92	95	94	95	96 50	90.6
MOUNT MAGAZINE	MAX	78 58	81 64	80	84	85 63	80	70 50	70 50	74	81	84	88	87 65	90	90 68	95 68	84 66	79	84	85	84	89	84	78 56	80	85 64	89	87 62	88	91 72	83.5
MOUNTAIN HOME	MAX	83	87 66	87	87 54	90 57	80	80	77	83	88 51	92	95 50	95 60	97 65	97 61	99	89	82	86 58	79 50	89 52	93	76 64	81	84 48	90	92	90 57	94 65	85 54	87.6 56.7
MOUNTAIN HOME C OF ENG	MAX	87	83	87	86	87	89	78	74	77	81	88	94	96	96	98	98	99	88	81	86	78	90	93	72	80	83	91	91	88	92	87.Q
NARROWS DAM	MAX	92	52 89	92	52 91	92	94	89	82	84	86	52 88	91	92	94	96	95	95	97	90	96	90	93	92	91	88	89	93	96	93	95	91.5
NASHVILLE PEACH SUBSTA	MIN MAX MIN	94	56 89 58	90	90	92	93	61 88 59	53 81 55	82 56	53 84 58	51 88	91	93	95	97	57 96 57	58 96 61	56 95 62	60 92 63	60 98 59	49 88 56	93 59	60 92 64	93	43 87 55	49 87 58	90	50 96 59	49 94 57	96 55	91.3
NEWPORT	MAX	63 87	90	89	63 92	63 94	84	77	81	85	88	92	95	96	99	98	98	90	85	86	80	86	94	84	83	85	87	88	88	94	89	59.2 88.8
NIMROO OAM	MIN MAX MIN	95 63	56 88 55	57 91 52	55 91 51	57 92 55	63 94 61	51 82 53	80	47 83 43	50 86	55 90 57	57 96 58	96		68 100 71		100	52 91 55	57 90 59	49 93 48	88	55 94 55	95	90	51 87	50 89	56 94	97	95	97	92.0
OKAY	MAX	95	92	94	95	93	92	85	83	85	53 89	94	94	95	97	97	97	97	95	98	94	50 95	94	63 95	53 87	87	90	52 97	51 95	97	54 94	93.1
OZARK	MIN	89	90	90	93	93	85	80	52 82	50 85	90	95	57 96		100		102	93	85	93	55 86	94	96	85	82	89	94	98	53 95	97	56 96	91.7
PARAGOULO	MIN	85	58 85	57 83	59 89	59 84	84	75	46 78	82	53 85	51 88	91	92	95	95	93	67 89	59 82	83	51 81	59 83	90	65 85	50 79	83	51 91	87	60 84	58 91	55 84	57.6 85.9
PARIS	MIN	89	93	92	94	67 95	86	50 81	84	50 86		57 97	62 99	62 99	102	72 102	104	62 97	90	51 95	90	97	98	59 90	53 88	48 90	4.8 95	53 99	97	100	50 99	94.0
PERRYVILLE	MIN	88	55 90	55 90	57 92	57 94	84	55 79	43 81	45 84	50 92	55 97	98		68 99		í	66 93	59 90	92	50 86	53 93	56 96	62 87	49 85	88	47 94	52 97	51 94	51 98	54 96	91.8
PINE BLUFF	MIN	63 88	49 89	48 88	47 92	93	5 8 8 5	51 80	41 83	47 86	47 89	93	94	94	99	99	97	60 97	90	60 91	42 83	88	93	56 90	49 85	47 86	43 91	48 94	89	94	49 92	90.4
PINE BLUFF CAA AP	MIN	86		59 86	61 87	65 89	67 86	58 76	52 79	51 82	57 85	89	60 90	65 91	69 97	71 96	69 94	70 93	60 86	62 90	57 81	54 87	63 91	67 86	61 82	53 83	53 89	61 92	54 87	93	63 92	87.7
POCAHONTAS 1	MIN	65 87	60 87	56 90	58 93	62 95	65 85	57 78	50 82	50 86	54 87	53 92	55 95	59 96		67	62 97	66 90	58 83	63 88	55 82	51 87	59 92	84	57 84	49 87	92	58 94	51 86	92	87	57.4 89.2
PORTL ANO	MIN	65 95		55 87	56 85	59 85	53 88	51 90	49 80	54 84	52 85	55 85	62 87	59 89	67 90	70 92	69 94	92	56 93	58 88	52 86	46 84	54 87	61 90	51 90	53 81	53 83	93	46 88	90	55 95	55.7 87.9
PRESCOTT	MIN	66 94	66 88	89	61 90	65 90	67 92	60 87	52 7 9	52 78	5 7 88	52 87	53 91	55 92	56 95	65 96	61 96	63 95	60 95	60 91	59 93	50 88	51 94	61 93	64 92	54 85	54 84	54 90	48 95	48 92	55 96	57.6 90.5
ROGERS	MIN	63 82	57 92		58	61 93	82	57 72	50 77	51	56 90		58	60	65	65	100	65 90	60 85	58	55 85	51 93	57	62 85	57	52	53	60	55 93	52	55 85	57.6 89.2
RUSSELLVILLE	MIN	56 92	56 89	56 88	59 90	56 91	57 86	50 81	46 80	48 83		63 93	66 95	67 96	75 98	75	72	66	57	63	50	60 93	67		50	48	50 92	53 96	56 92	60	50 92	58.3
SAINT CHARLES	MIN	65	55 85	55 86	54	56 87	64	54	46	49 78	51	54 85	5 7 8 7	64	64	69	65	66	56 92	64	48	50	56 88	61	51	43	47	51 88	51 88	51 86	53	55.7
SEARCY	MIN	64	61	57	61	63	66	57	50	51	56	55 91	58	61	70	71	66	70	57	59	54	51 89	59	64	60	50	50 93	59 89	48	48	56 90	58.4
SHERIOAN TOWER	MIN	67	56	57 88	56 90	60	65	56 78	53	52	52 87	54	56	58 97	63	69	62	91 65	84 57	60	84 53	49	55	86 60 88	57	53	52	57 95	50	49 96	90 55 96	56.9
SILOAM SPRINGS	MIN	57	56 93	56	58 93	59 97	64	57	52 79	83 48 86	51	91 57	92 57 99	59 97	96 58	63	62	94 64 90	65 88	96 66 87	93 50 89	49 94	90	88	87	85 47 84	92 52 91	53	92 50 92	52 94	53 86	56.1
	MIN	52	56		56	54	56	48	42	42	50	61			71	71		65	57	61	46	69	68	62	46	43	48	47	47	63	51	56.1
	1	1																														1

Ta	ble	5.	Conti	inued	

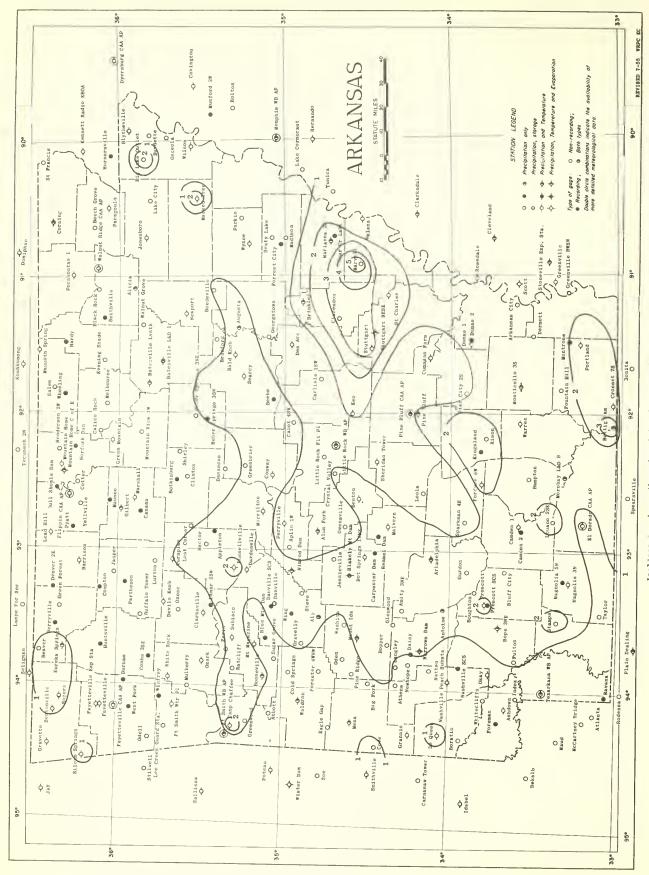
DAILY TEMPERAT URES

ARNANSAS SEPTEMBER 1956

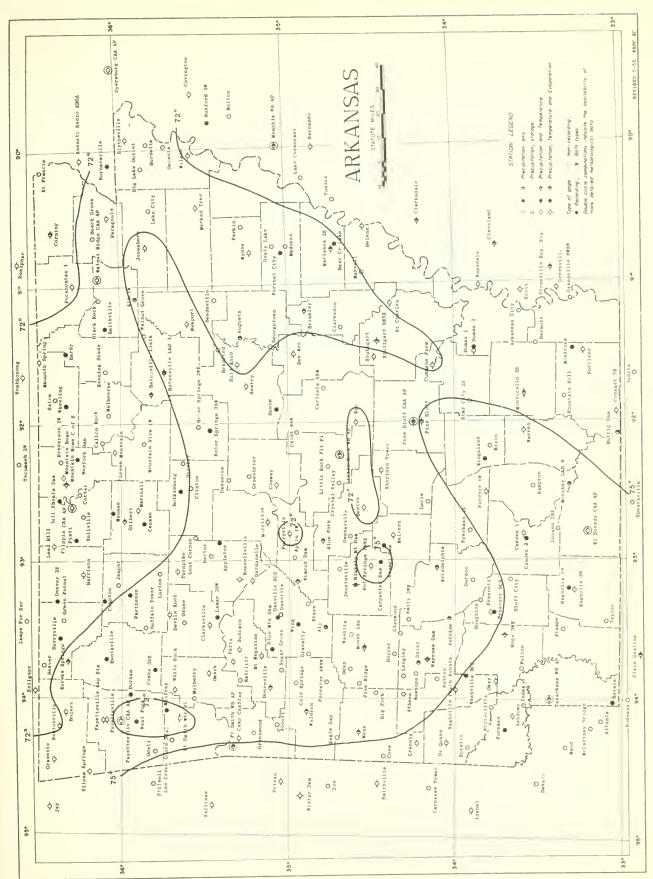
																Day	Of M	lonth															a de
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
STUTTGART	MAX	88 67	87 62			93				83 53		91 57		93	96 66	97 70	95 67	93 67	85 59	90 60	81 56	90 52	95	89	84 60						93 56		88.8 59.2
STUTTGART 9 ESE	MAX	95 63	85 59	85 5 7		85 60				77 49		8 3 5 3			89 62						87 51			90 58			82 48				90 52		85.6 55.2
SUB I ACO	MAX	86 65	91 59			93 59				83 50		96 58		99 66	100 67									87 64							97 58		91.5 58.3
TEXARKANA W8 AP	MAX	89 68				93 66						92 61			96 70				93 64					91 70					94 57				91.3 63.0
TURNPIKE	MAX	77 59		82 63		86 64	79 59			79 56		87 66			9 1 6 8			86 65	81 55		85 57	85 56		77 60			86 60				86 60		83 · 5 60 · 3
WALORON	MAX	92 62		94 49		96 55	91 53			84 37					99 60			97 62		92 58				94 56			93 40				98 47		93.2
WALNUT RIOGE CAA AP	MAX M1N	84 62		86 58		92 59	7 9 5 9			83 48		89 58			96 67			85 61	82 51		77 50			76 54			92 49				86 54		86.2 55.6
WARREN	MAX	88		8 9 5 9		91 64	88 64			85 52		9 I 5 4			97 67				91 58		85 57			94 62			93 57				93 56		90.4
WHITE ROCK	MAX	80 61		84 63		87 65	8 7 5 7			78 55		88			93 70				79 59		78 59	84 57					87 66		87 63		90 69		85 · 1 62 · 3
WILSON	MAX	85 58	86 59			85 66						87 63			91 68			89 68	82 56	86 58		87 52		85 66			87 49				90 49		85.8 58.5
WYNNE	MAX	84 66	86 58			92 55			77 53			87 52			93 65	94 67		90 66		83 57	78 50	86 54	90 55	85 67	81 56						92 60		86.2 56.6

EVAPORATION AND WIND

Table 0																																	
																1	Day o	f mor	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLAKELY MOUNTAIN OAM	EVAP WINO			.26	.20	.17	.19	.24 57	.27	.23	.24	.19	.18	.19	.21	.23	.26	.22	.19	.22	.21	.17	.17	.12	-21 52		.18			.29			6.14
HOPE 3 NE	EVAP WINO			.47 56													.33				.33				.25		.33 36			.30			8.34 858
MOUNTAIN HOME C OF ENG	EVAP				.21												.37					.19								.22			6.82
NARROWS OAM	EVAP		.24														.30					.24 25			.15		.22 43			. 24 35			7.31B 1050
NIMROO OAM	EVAP WINO				.20												.31																6.428 517
RUSSELLVILLE	EVAP WINO		.24		. 26		.18	-23 19		.47		.21		.25		.29	.30					.25 10			.17			.18	.23	. 24	.20		6.558
STUTTGART 9 E5E	EVAP WINO					.12				.21 63				.21 58					.20 100								.21			.16 16			5.53 1351



Isolines are drawn through points of approximately equal values.



Isolines are drawn through points of approximately equal values.

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Station	Index No.	County	Drainage † Latitude	Longitude	Elevation	Obe vati tim	on	Refer to tables	Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Temp.	on	Refer to tables
Abbott Alicla Alum Fork Aly	0064 0130 0136	Scott Lawrence Sallne yell Clark	1 35 04 7 35 54 1 34 48 3 34 47 3 34 17	91 05 92 52 93 29	755 854	5P	7A James V. Williams 7A Ruby B. Owens 5P L. R. Water Works 7A Gurn B. Swaim 7A Mrs. Alta F. Garner	3 3 C 2 3 5 C 3 C	Louann 2 BE Lurton Madison Magnolia 3 N Magnolia 5 N	4386 4528 4548	Union Newton St. Francis Columbia Columbia	7 5 4	33 22 35 46 35 00 33 19 33 20	93 05 90 43 93 14	130 2007 215 315 360	6P	6P Flora A. Bamilton 8A Lola 1. Dollar 7A Loren R. Jones 7A Earl E. Graham MID Ark. Per & Lgt Co.	3 3 3 2 3 5 7
Amity 3 NE Amitolne Aplln 1 W Appleton Arkadelphia Arkansas City	0178 0188 0196 0220	Plke Perry Pope Clark Desha	3 34 02 1 34 58 1 35 25 3 34 07 2 33 37	93 25 93 00 92 53 93 03	285 400 522 200	6р	8A Drew A. Lamb 7A Bobart Watts MID John A. Jones 6P Billman B. Lawrence 8A John W. Tranmell	3 C	Malvern Mansoth Spring Marianna 2 S Marked Tree Marshall	4562 4572 4638 4654	Bot Spring Fulton Lee Poinsett Searcy	3 7 5 5	34 23 36 29 34 44 35 32 35 54	92 49 91 32 90 45 90 25	311 690 234 229	5p SS 6P 6P	5P Malvern Fire Dept. 7A John B. McKee 6P Univ. of Arkansas 7A William M. Crick 7A Mrs. Minnie Borton	2 3 5 2 3 5 7 2 3 5 7 C 2 3 5 7 2 3 5 7
Asbdown Athens Augusta Bald Knoh Batesville Livestock	0300 0326	Little River Howard Woodruff White Independence	4 33 40 4 34 19 7 35 17 7 35 18 7 35 49	93 58 81 22 91 34	960 2 218 2 230	7P 6P 9A	7P Southwestern G & B 7A Arra D. Parker 7A David G. Griffitbe 6P Univ. of Arkansas 9A Dniv. of Arkansas	2 3 5 3 C 2 3 5 2 3 5 C	Marvell Maumee Melbourne Mena Monticello 3 S	4696 4748 4756	Phillips Searcy Izard Polk Drew	7 7 3	34 33 36 03 36 04 34 35 33 35	91 54 94 15	610 1207	6P	8A Sterlin Wallace MiD Verne N. Davenport 7A Ivan L. Sbrader 7A E. W. St. John 5P Arkabsas A & M Col.	3 C 3 5 7 C 2 3 5 7 C
gatesville L & D 1 Bear Creek Lake Beaty Lake Beaver 1 SE Beebe	0496 0512 0518	Independence Lee Bt. Francis Carroll White	7 35 45 7 34 43 5 35 05 7 36 28 7 35 04	90 42 90 43 93 46	220 400 930	5P	7A James J. Mitchum MID U.S. Forest Service 5P L. G. Adamson 7A Harvey E. Skelton MID Lowell E. Perkins	2 3 5 C C 3 3 C	Montroge Morobay Lock & Dam Morrilton Mount lda Mount Magazine	4934 4938 4988	Asbley Calhoun Conway Montgomery Logan	3 1 3	33 19 33 19 35 07 34 33 35 10	92 27 92 45 93 38	125 85 280 663 2800	5P 7A	MID Ark. Pwr & Lat Co. 7A Corps of Engineers 7A Emma S. Leavell 5P William E. Black 7P U.S. Forest Service	3 C 2 3 5 2 3 5 C 2 3 5
Beecb Grove Beedeville Benton Bentonville Berryville 4 NW	0536 0582 0586	Greene Jackson Sallne Benton Carroll	7 36 09 7 35 26 6 34 33 1 36 22 7 36 26	91 06 92 37 94 13	221 285 1295	6P 6P	8A B. B. Bammond 8A P. M. Breckinridge 8A Mrs. Stta C. Burks 7A Barle L. Browne 7A David L. Stidham	3 3 2 3 5 2 3 5 3 5	Mountain Bome Mountain Bome C. of E Mountain View 1 E Mulberry 6 NNE Narrows Dam	5038 5046 5072	Baxter Baxter Stone Franklin Pike	7 7 1	36 20 36 20 35 52 35 34 34 10	92 06 94 01	800 800 768 500 425	84	7P Charles Shiras 8A Corps of Engineers 7A Nell A. Tapley 7A Benry G. Arvin 8A Corps of Engineers	3
Big Fork Big Lake Outlet Black Rock Blakely Mountain Dam Blue Mountain Dam	0664 0676 0746	Polk Mississlppi Lawrence Garland	3 34 29 5 35 51 7 36 07 3 34 36 1 35 06	93 58 90 08 91 06 93 11	1100 228 259 426	8 A 8 A	7A Anna M. Liles 6P N. W. Douglas 7A Lee W. McKenney 8A Corps of Bnglneers MID Corps of Bnglneers	3 3 3 2 3 5 6 C	Nashville Peach Substa. Nashville SCS Nathan 4 WNW Newhope 3 E Newport	5114 5158 5174	Howard Roward Boward Pike Jackson	3 3	34 00 33 57 34 07 34 14 35 36	93 51 93 52 93 50	550 373 550 850 225		7A Unlv. of Arkansas MID Soil Cons. Service 7A Edna J. Westfall 7A Elsie F. Ward 7A Luther D. Summers Ji	2 3 5 3
Bluff City Blytheville Booneville Botkinburg Boughton	0806 0830 0842	Nevada Mississippi Logan Van Buren Nevada	3 33 41 5 35 58 1 35 09 7 35 39 3 33 52	93 08 89 55 93 55 92 30	252 511 1200	6P 7P	7A Paul M. Adams 7A lvy W. Crawford 7A Cleo B. Tandell MID Thomas M. Pearson 7A lris Elmore Wicker	3 2 3 5 7 2 3 5 C	Nlmrod Dam Norfork Dam Ddell Dden 2 W Dkay	5228 5354 5358	Perry Baxter Washington Wontgomery Boward	1 3	34 57 36 15 35 48 34 38 33 46	92 15 94 24 93 48	1500		8A Corps of Engineers MID Corps of Engineers 7A Mrs. Renzo Rurst 7A Station Inactive 5P J. T. Hargis	2 3 5 6 C 3 3 2 3 5
Bradford Brinkley Buffaio Tower Bull Shoals Dam Burdette	0872 0936 1010 1020	white Monroe Newton Baxter Mississippl	7 35 25 7 34 54 7 35 52 7 36 22 2 35 49	91 28 91 10 93 30 92 34	240 205 - 460	5P	7A Marshall Blckmon 5P Robert D. Schaefer 7A Beulab F. Fowler MID Corps of Engineers 6P G. A. Bale	3 2 3 5 7 C 3 C	Dsceola Owensville Dzark Dzone Paragould	5498 5508 5514	Misslssippi Saline Franklin Johnson Green	2 3 1	35 43 34 37 35 28 35 38 36 04	89 58 92 49 83 50 93 27	250 500 396	6Р	8A Alwyn A. Cowan 8A Guy Cook 6A Burns Wakefield 7A Maurice R. Brandt 4P Radio Statlon KDRB	3 3 2 3 5 7 3 2 3 5
Cabot 4 SW Calico Rock Canden 1 Camden 2 Camp Chaffee	1102 1132 1152 1154	Pulaski Izard Guachita Duachita Sebastian	7 34 57 7 36 08 3 33 36 3 33 35 1 35 18	92 04 92 08 92 49 92 51	288 400 116 155	7A 8A	5P B. M. Walther 7A Austin D. Sarris 7A Leonard B. Dillwort	3	Parls Parkin Parthenon Perryville Pine Bluff	5576 5586 5602 5694	Logan Cross Newton Perry Jefferson	1 5 1	35 18 35 16 35 57 35 00 34 12	93 45 90 35 93 15 92 49	222 925 325	SS	SS Fred J. Girard 7A Corine D. Gardner WID Arthur B. Carlton 7A Francis Finkbelner 7A Mary T. Scheu	2 3 5 3 C 2 3 5 2 3 5 C
Cansan 2 W Carlisle 1 8W Carpenter Dam Clarksville	1188 1224 1238 1442	Searcy Lonoke Garland Monroe Johnson	7 35 52 1 34 47 3 34 27 7 34 41 1 35 28	92 44 91 45 93 01 91 18	235		MID Froney Dell Borton 8A John L. Tait MID Ark. Pwr & Lgt Co. 7A B. F. Northern 6P Dr. 1rving F. Beach	C 3 C 3	Pine Bluff CAA AP Pine Ridge Pocahontas 1 Portland Prescott	5756 5760 5820 5866	Jefferson Montgomery Randolph Ashley Nevada	1 3 7 3	34 10 34 35 36 16 33 14	91 56	205 840 330	M1D Sp	MID U.S. Civil Aero Adm 7A J. R. Ruddleston 7A Benedictine Sisters 7A Mrs. Pearl Newton 7A R. P. Hamby	2 3 5 7
Clinton Culd Springs Combs 3 SE Compton 2 NE Convay	1492 1520 1574 1582	Van Buren Scott Madison Newton Faulkner	7 35 35 3 34 58 7 35 48 7 36 06 1 35 05	92 28 93 54 93 48 93 18	510 1250 1400 2166		7A Earl B, Riddlck 7A Margaret Zornes MID Maude C. Brashears MID William L. Blnam 5P Clarence S. Wiiliam	3 3 C C	Prescott SCS Pyatt 1 NNW Ratcliff Ravana 1 NE Remmel Dam	5910 5970 6008 6016	Nevada Marion Logan Miller Hot Spring	3 7 1 4	33 48 36 16 35 18 33 04	93 23 92 51 93 53	800 463 250		MID Soll Cons. Service MID Dna V. McLean 7A Lula H. Weeks MID Bonny L. Allen MID Ark. Pwr & Lgt Co.	3 00
Corning Cotter Cove Crossett 7 S Crystal Valley	1632 1640 1666 1730		7 36 24 7 36 17 4 34 26 3 33 02 1 34 42	90 35 92 31 94 25 91 56	293 440 1050	7A 5p		2 3 5 7 C	Rison Rogers Russellville Saint Charles Saint Francis	6248 6352 6376	Cleveland Benton Pope Arkansas Clay	7	33 57 36 20 35 18 34 23 36 27	94 07 93 08 91 08	231 1387 360 200 300	SS 5P	8A J. R. Yaney SS Howard Fowler 5P U.S. Forest Service 8A Fish & Wildlife Ser 7A William S. Buckley	3 5 7 2 3 5 6 2 3 5 6
Cummins Farm Dalsy Damascus Danvilie Danvilie SCS	1814	Faulkner Yeil	1 34 08 3 34 14 1 35 22 1 35 03 1 35 04	91 35 93 45 92 25 93 24	176 629 705 370	6P	6P Cummins Prison Farm 7A Ferna Jones Tedder 7A William A. Brown 7A J. A. Moudy MID Soil Conserv. Serv	2 3 5 3 C 3 7	Salem Searcy Sheridan Tower Shirley 3 SE Siloam Springs	6403 6506 6566 6586	Fulton White Grant Van Buren Benton	7 3 7	35 38	91 50 91 44 92 21 92 17 94 33	910		7A Jas. B. Caldwell 7A Adam C. Melton 6P Ark. Forestry Comm. 7A Maud H. Bradford 7A John Brown Univ.	2 3 5 7 2 3 5 7 3 2 3 5
Dardanelle De Queen Denver 2 E Dermott Des Arc	1838 1948 1956 1960		1 35 13 4 34 02 7 36 23 2 33 31 7 34 58	93 09 94 21 93 18 91 26	330 420 1028 140	8P 5P	7A Gretchen Goodler	2 3 5 2 3 5 7 7/1/56 3 2 3 5	Smithville Sparkman 4 E Stamps Star City 2 S Steve	6698 6768 6804 6820	Lawrence Dallas Lafayette Lincoln Yell	7 3 4 3	36 05 33 55 33 22 33 54	91 18 92 48 93 30	450 260		MID A. R. Richardson 7A Mrs. Rachel Butler 7A Bubert Baker 7A Ark. Forestry Comm 7A T. P. Sims	C 3 3 3 3 3 3
Dev11s Knob 1 Dumas 1 Dumas 2 Durbam 1 S Bagle Gap	2148 2150 2176	Johnson Desha Desha Washington Scott	1 35 43 2 33 53 2 33 53 7 35 57 1 34 43	91 30 91 30 93 59	162 165 1243	5P 7P	7A Earnest C. Campbell 7P Ben Johnson MID Ark. Pwr & Lgt Co. MID CLDSED 7A Maxine M. Booper	2 3 5 2 3 5 7 7/1/56 C	Stuttgart Stuttgart 9 ESE Sublaco Sugar Grove Taylor	6918 6920 6928 6940	Arkansas Arkansas Logan Logan Columbla	1 7 1	34 28 34 28 35 18 35 04 33 06	91 32 91 25 93 39 93 48	214 198 500 500 247	7A 88	7A George L. Clark 7A Univ. of Arkansas 7A New Subiaco Abbey 8A CLOSED 7A Idelia D. Norwood	2 3 5 2 3 5 6 C 2 3 5 8/27/56 3
El Dorado CAA AP Eureka Springs Evening Shade Payetteville CAA AP	2300 2356 2366 2442	Union Carroll Sharp Washington Washington	3 33 13 7 36 24 7 36 05 1 36 05 7 36 00	93 44 91 37 94 10	1370	6P 7P	MID U.B. Clvil Aero Adm	2 3 5 7 2 3 5 7 C 3 2 3 5	Texarkana WB Airport Turnpike Waldron Walnut Grove Walnut Ridge CAA AP	7048 7262 7488 7524	Miller Pope Bcott Independence Lawrence	4 1 1 7	33 27 35 40 34 54 35 51 36 08	94 00 93 05 84 06 91 21	361 2087 675 250	M1D 6P 5P	MID U.S. Weather Bureau 6P U.S. Forest Service 5P William D. Sivens 6P A. H. Fast MID U.S. Clvil Aero Adm	2 3 5 7 C 2 3 5 7 C 2 3 5 7 C
Payetteville Exp. Sta. Flippin CAA AP Fordyce 6 W Foreman Forester 4 WNW	2444 2528 2540 2544	Washington Warion Dallas Little River Scott	7 36 06 7 36 18 3 33 49 4 33 43 1 34 47	92 36 92 31 94 24	1270 700 280 400	5P M1D 5P	5P Dnlv. of Arkansas MID U.S. Civil Aero Adm	2 3 5 7 2 3 5	Warren Waehlta West Pork Wheeling White Rock	7582 7592 7694 7744	Bradley Montgomery Wasbington Fulton Franklin	3 7 7	33 36 34 38 35 55 36 19	92 04 93 32 94 11 91 52	206 610 1340 680	6 p	6P Charley L. Bharp 7A Nora Lee Mayberry MID Effie D. Little MID Thomas W. Cone 7A U.S.Forest Service	2 3 5 3 C 2 3 5
Forrest City Fort Smith WB Airport Fort Smith Water Plant Fountain Bill Fulton	2574 2578 2598	St. Francis Sebastian Crawford Ashley Bempstead		90 47 94 22 94 09 91 50	261 458 793 175	MID	MID Thomas A. Moore MID U.S. Weather Bureau 7A R. J. Schoeppe 6P Jethro R. Denson 8A lba J. Logan	c	Whiteliffs Wilson Winfrey Wing Wynne	7812 7912 7936 7950	Sevier Mississippl Crawford Yell Cross	4 2 1	33 48 35 34 35 44 34 57	94 04 80 02 84 06 93 28 90 46	290 237 1152 350	5p	7A L. M. Snead 7A D. D. Anderson MID CLOSED MID Miles B. Turner SS Wm. M. Courtney	3 2 3 5 7/1/56 2 3 5
Georgetown Gilbert Glenwood Grannl# Gravelly	2760	White Searcy Pike	7 35 07 7 35 59 3 34 20 4 34 14 1 34 53	91 26 92 43 93 33	200 595 547	6P S8	7A Bessie E. Akers 7A C. Eli Jordan 7A Myrtle 1. Price 7A George T. McVay 7A Willie Pendergrass	3 2 3 5 7 C 3 2 3 5	Yellwillo		Marion	7		92 41	760		7A Glenn R. Neshit	3
Gravette Green Forest Green Mountain Greenbrler Greenwood	2830 2946 2952 2982	Benton Carroll Stone Faulkner Sebastlan	1 36 24 7 16 20 7 36 02 1 35 14 1 35 13	94 28 93 26 92 12 92 23	250 350 100 360	88 7A	SS Elson B. Schmidt 7A Obed E. Wilson 7A U.B. Forest Service 8A Thomas E. Cantrell 7A Dorotby M. Been	2 3 5 7 3 2 3 5 3 3	% Parks	5581	Scott	1	34 48	93 57	688		7A Bomar K. Bansard	3
Gurdon 3 E Bampton Bardy Barrison Beher Springs 3 NE	3074 1098 3132 3164	Clark Calboun Sharp	3 33 54 3 33 32 7 36 19 7 36 14 7 35 32	93 06 92 28 91 29 93 07	290 202 382 1150	6P	7A Roy S. Robbs 8A Soll Cons. Service MID Theresa Donaldson 6P ea Gray Beene 7A ester B. Logan	3 3 C 2 3 5										
Beber Bprings 3 BW Bector Belena Benderson 2 W Bope 3 NE	1235 1242 3258	Cleburne Pope Phillips Baxter Bempstead	7 35 28 1 35 28 2 34 32 7 36 22 4 33 43	92 58 80 35 82 16	555 200 580	6P	MID Wayne Stark 7A Irene B. Timko 7A Charley M. Friddell 7P Lucy A. Bentzlen 7A Cecil M. Bittle	3 c										
Bopper Boratio Bot Springs 1 NNB Buntswille Buttig Dam	3438 3442 3468 3540	Montomgery Bevier Gnrland Madison Union	3 34 22 4 33 58 3 34 31 7 38 05 3 33 02	93 41 8 84 23 1 93 03 5 93 44	1 700 2 337 3 710 4 1453	5p	7A Lona A. Shields 6A Elizabeth W. Frlda: 5P Natl Park Service MID May Pearl Markley	3 3 2 3 5 7										
lndex Jasper Jessieville Jonesboro Keo	3584 3600 3704 3734	Little Biver Newton Garland Craigbead Lonoke		94 03 1 93 13 2 93 04 0 80 42	3 300 1 857 4 730 2 345	8P 7P	BA Corps of Bugineers BA W. B. McDowell 7A Lottle B. Davis 7A Lura B. Sykes 7A Benedictine Bisters 7D B. A. Weller	3 3 3 2 3 5 7										
Singsland 3 SSE Lake City Lamar 2 BW Langley Lead Bill	3804 3998 4019 4060	Cleveland Craighead Johnson Pike Boone	3 33 50 5 35 48 1 35 28 3 34 18 7 38 24	82 18 80 28 93 25	8 214 8 230 5 550		7P R. A. Waller WID Claude W. Bunter 7A Tressa St. Clair WID Peach Bxp. Statlon 7A Mabel F. Forrester	2 3 5 C 3 C										
Lee Creek Guard Sta. Leola Whittle Rock WB Airport Little Rock Filt. Pl. Lost Corner	4118 4134 4248 4250	Crawford Grant Pulaski Pulaski Pope	1 35 42 3 34 10 1 34 44 1 34 46 7 35 34	94 19 82 35 82 14 92 19	9 1000 5 261 4 257 9 512	M1D	7P F. W. Kellogs 7A D.S. Forest Service 7A J. R. Rbodes MID U.B. Weather Bureau MID L. R. Water Works 7A Catherine Russell	2 3 5 3 2 3 5 7 C 3 3	% Continuation of Force	1								

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as I2 SSW, indicate distance in miles and direction from the nowt office

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables; but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches and wind movement in miles Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Hureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 Data based on observational day ending before noon.

 Adjusted to a full month.

 Data for recorded stations, denoted by "C" are processed for special purposes and published later in Hourly Precipitation Data.

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station have been adjuted to represent the value for the full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

 Trace, an amount too small to measure.

 Includes total for previous month.

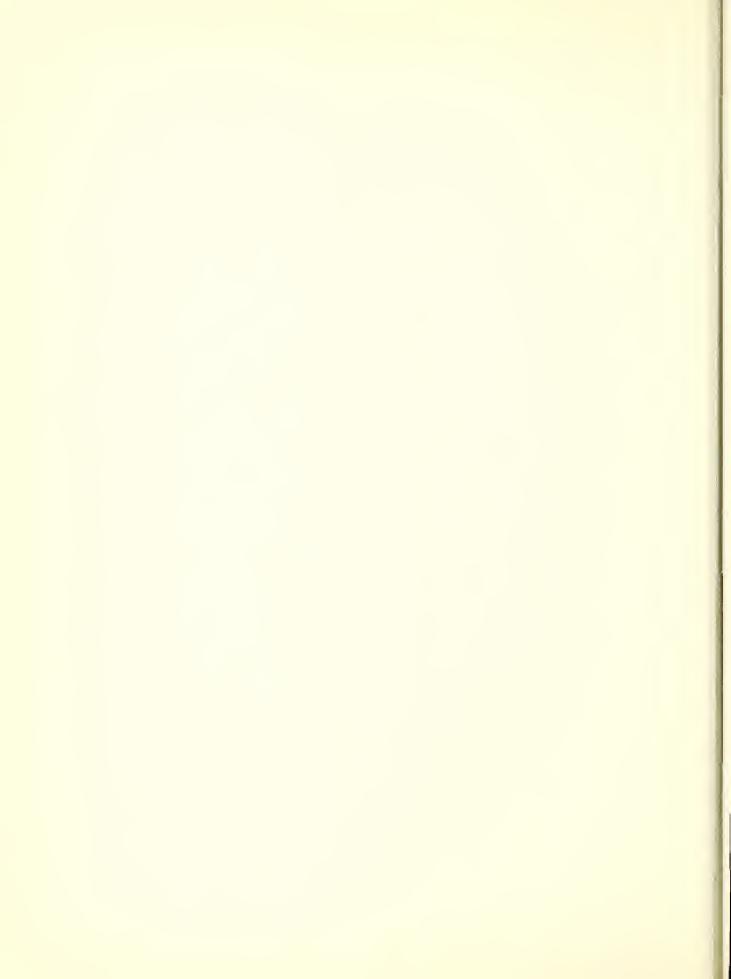
- Includes total for previous month.

 This entry in time of observation column in Station Index means observation made near sunset.

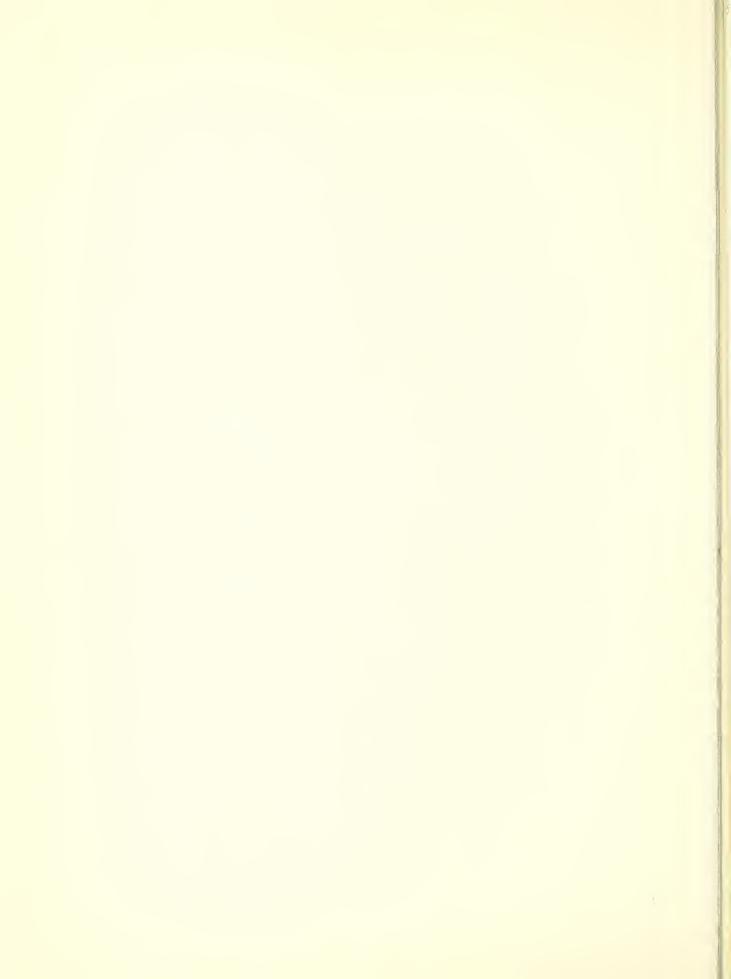
Information concerning the history of changes in locations, elevations, exposure, etc., of substations tbrough 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents.

Subscription Price: 20 cents per copy; monthly and annual, \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NWRC, Asheville, N. C. -- 10-25-56 -- 1075







CLEMSON COLLEGE LEPARTHENA

U. S. DEPARTMENT OF COMMERCE RY

SINCLAIR WEEKS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

OCTOBER 1956
Volume LXI No. 10



ARKANSAS - OCTOBER 1956

WEATHER SUMMARY

October was warm and dry. The weather was ideal for harvesting fall crops but was too dry for lawns and for newly-seeded winter grains.

The first few days of October were very mild. Afternoon maximum temperatures were in the 80's on most of those days but reached the 90's on one or more days at a large majority of the stations. The highest temperatures for the month occurred on the 1st, 5th, or 6th. The temperature at Paris reached 98° on the afternoon of the 6th. This was the highest temperature registered in Arkansas during the month. The cold front, which moved southeastward across the State on the afternoon of the 6th was followed by below-seasonal temperatures for a few days but warm weather returned on the 11th and continued to the 25th. A cold front moved eastward across Arkansas on the afternoon of the 25th. Most stations registered their lowest minimum temperatures on the 26th, 27th, or 28th. The monthly minimums were in the 30's over most of the State but dropped into the upper 20's at a few northern stations. The coldest temperature for the State, 27°, occurred at Batesville Livestock on the 27th. Monthly mean temperatures ranged from 62.7° at Batesville Livestock, Bentonville, and Fayetteville CAA Airport to 70.0° at Hot Springs. Monthly mean temperatures were slightly below the long-term means at Magnolia 5 N and at Prescott SCS but were above the longterm means at other stations over the State. In general, temperature departures were less than $+3.0^\circ$ over the Delta areas but were greater than $+3.0^\circ$ at most upland stations. The largest temperature departure was +6.2° at Rogers.

Light rains fell during the first few days and on the 20th, 21st, 25th, 30th, and 31st. Little rain of importance fell on other dates. Monthly totals ranged from 1.01 inches at Fulton to 5.34 inches at Pine Bluff. The rainfall was very unevenly distributed over the State. This is shown by the chart on page 128. Precipitation over many central and southeastern counties exceeded the long-term averages for October. The extreme western edge of the State and the extreme northeast corner received less than half the long-term average. Most stations elsewhere received between 50% and 100% of their long-term means. Few severe storms occurred. One man was killed by lightning the afternoon of the 2nd.

Drought conditions intensified during the first half of October. Cotton harvest was in full swing, rice harvest progressed normally, and the harvest of hay and of corn and sorghum for grain neared completion. Land preparation and the seeding of winter grains was practically at a standstill because of the dry soil. Some seed was sown in the dust. Pastures furnished little grazing. The rains during the latter part of the month improved soil conditions. Ground preparation and the planting of winter grains were resumed. A few early planted fields were up and were furnishing some grazing. Late plantings were not expected to furnish fall and winter grazing. The pastures improved but much supplemental feeding was still required. Some herds were on full winter feed. Many herds were thin. Cattle continued to move to market in volume in some counties although low prices slowed marketings somewhat.

Lucius W. Dye, Climatologist Weather Records Processing Center U. S. Weather Bureau Kansas City, Missouri

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h		Relati	ve hum	idity ave	rages		Numb	per of d	ays with	precip	itation			
Station	Prevailing	percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12130A -	6:311. Caff			Trace	60 -10	10-49	9909	1.00-1.99	2 00 and over	Total	Percent of possible	Average
ORT SMITH W8 AIRPORT	E	24	1.3	29	W	25	70	83	45	5.1	.,	1					8	6.6	-
TILE ROCK WB AIRPORT	ENE	9	7.3	58	SSW	30	7.8	84	49	6 1			ч					* 14	19
EXARKANA W8 AIRPORT	-	-	-	-	-	-	-	84	-	-									

CLIMATOLOGICAL DATA

TABLE 2

00						Теп	рега	ture				_					P	recip	itation					_
1						J					10	No	o. of 1	Days			h		Snow	, Slee	et	No.	of D	аув
I	Station		Ачегаде Махітит	Average Minimum	Average	Departure from Long- Term Mean	Highest	Date	Lowest	Date	Degree Day	Mo ot Apone	-	Below Below	Total	Departure from Long- Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Deta	10 or More	50 or More	or More
1	HIGHLAND DIVISION													\top						i				
d d	BOONEVILLE	AM AM	81.0 83.3 80.4 77.5 81.5 83.6 83.2 82.0 81.3 81.0 84.0 75.5 79.4 77.4 78.2 78.3 80.1	52.5 50.9M 48.1 47.8 52.5 50.5 51.9M 52.3 50.3 55.2 53.0 52.3 47.1 49.9	66.8 67.1M 64.3 62.7 65.7M 68.1 66.9 67.0M 66.4 66.7 67.2 65.4 66.2 64.9 62.7 64.1	2.6 2.9 3.1 5.0	92 94 95 88 95 97 95 93 97 90 89 89 89 89	666551+61666665+6666	32 31 32 36 36 38 38 33 42 38 33 30 33	27 26+ 27 27 26 27+	39 41 74 102 56 37 49 38 45 44 69 53 75 110 72	1 3 1 0 3 7 5 3 1 1 6 1 2 0 0	000000000000000000000000000000000000000	0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.58 1.14 3.14 2.51 2.36 2.95 1.50 3.26 3.00 2.15 3.19 2.86 2.32 2.10	0.82 - 1.48 - 0.26 - 0.10 - 0.67 - 1.12	1.90 0.64 1.11 1.17 0.76 1.50 1.03 1.94 0.86 1.36 1.15 1.14 0.96 0.98	30 26 31 31 31 31 31 31 31 31 31 30 30 30 30	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000		33636535653444455	2 1 2 2 1 3 2 2 2 1 2	2 0 1 1 1 1 1 1 0 0 0 0 1 1
	FORT SMITH WB AP FT SMITH WATER PLANT GILBERT GRANNIS GRAVETTE GREEN MOUNTAIN	R //	81.2 80.9 81.1 83.7M 79.1	53.4 48.8 46.3 52.4 49.7	67.3 64.9 63.7 68.1M 64.4	3 · 4 4 · 6 4 · 3	96 93 96 96 91	6 6 6 5		27 28 26+	42 62 83 43 80	3 2 2 3 1	0000	0 0 1 0 0 0 1 0	1.37 2.93 3.07 1.82 1.82	- 2.26 - 1.13 - 2.39 - 2.13	1.11 1.16 1.26 1.16 0.79	26 31 31	0.0	0 0 0		3 5 4 5	1 2 3 1 1	1 2 1 1 0
	HARRISON	AM R //	80.2 82.9M 83.0 81.9 79.0 82.3 81.5	46.0 50.74 56.9 45.7M 55.8 51.5 47.8M 46.8M 54.7 52.2	63.1 66.8M 70.0 63.8M 67.4 66.9 64.7M	3.4 1.7 5.1 3.4 3.3 4.8	92 94 97 92 94 90 94 93	6 1+ 6 6 6 1+ 6	38 41 30 43 36 32 37 36	27 8+ 27+ 27 27+	93 49 23 86 32 34 64	3 2 4 3 1 2 1	000000000	3 0 0 0 0 0 3 0 0 0 2 0 0 0 0 0	3.72 1.17 1.79 2.69 3.04 3.05 2.30 3.95 1.71 3.24	0.49 - 2.02 - 1.43 - 0.67 0.23 - 1.28 - 0.03 - 1.98 - 0.44	1.50 0.45 0.69 1.12 0.89 0.85 0.92 1.67 1.16	31 30 30 25 30 26 31 31	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0		4 5 6 4 6 4 5 4 3 6	4 0 1 2 2 4 2 3 1	1 0 0 1 0 0 0 0 2 1
	MOUNT IOA MOUNT MAGAZINE MOUNTAIN HOME MOUNTAIN HOME C OF ENG NARROWS OAM NASHVILLE PEACH SUBSTA	AM AM AM AM	80.7 73.4 79.5 79.1 83.9 82.4 83.3M 84.4 82.5 84.1M 81.8 782.4	47.3M 55.1 51.2 48.4 50.0 52.7 50.1 53.7 54.0 52.3M 49.6 51.5	64.0M 64.3 65.4 63.8 67.0 67.6 66.7M 69.1 68.3 68.2M 65.7 66.3	3 · 1 4 · 7 4 · 6 6 · 2 5 · 1	95 87 89 93 93 95 97 98 89 90	6 6 6 7 1+ 1 6 6 6 6 5 6	42 38 33 35 37 35 37 40	28 26 27 27 26 27+ 27 26+ 28 27 8+	76 80 57 76 51 48 57 30 29 39 63 54	2 0 0 0 4 3 4 3 5	000000000000	0 0 0 0 0 0	3.03 4.28 3.46 3.77 2.15 2.59 2.90 1.71 2.71 3.41 4.32 2.37 2.95	- 0.68 - 0.50 - 1.27 - 0.65 0.82 - 1.12 - 0.06	0.96 1.67 1.59 2.03 0.78 1.02 1.21 1.10 1.21 1.41 1.31	21 30 31 31 26 31 30 31 30 20 30	0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		6 4 5 4 5 4 4 5 7 6 4	3 3 3 2 3 2 1 2 2 4 1 3	0 2 1 1 1 0 1 1 1 1 2 2 0 1 1
	SHERIOAN TOWER SILOAM SPRING2 SUBIACO TEXARKANA WB AP TURNPIKE WALORON WHITE ROCK	R //	83.5M 79.2 83.5 81.6 74.9M 83.4 74.6	52.3M 49.7M 53.6 55.8 55.54	67.9M 64.5M 68.6 68.7 65.2M 65.5	4.6 1.7	92 91 96 93 88 97 90	6 5+ 6 6 6 6	29 40 42 43	27 26 27 27 26 26	9 89 27 29 74 72	1 2 6 1 0 7	000000	0 0 0 0 0 0 0 0 0 0	4 · 87 2 · 03 3 · 87 1 · 47 3 · 57 1 · 42 3 · 12	0.38 - 1.91 - 1.42 - 2.45	1.629 1.62 0.43 1.50 1.29 1.15	2 2 30 30 30	0.0	0 0 0 0 0		2 5 5 5 2 6	2 3 0 3 1 2	1 2 0 1 1 2
1	OELTA OLVISION				0001																			
	ARKAOELPHIA BALO KNOB BATESVILLE LIVESTOCK BATESVILLE L ANO O NO 1 BLYTHEVILLE BRINKLEY CAMOEN 1 CORNING CROSSETT 7 S CUMMINS FARM	АМ АМ	82.0 79.4 82.3 81.5 79.1 80.1M 83.0 78.7 82.5 80.8 79.4M 81.3 80.8 82.6 80.3	52.8 49.5M 43.0 48.4 51.0 49.0M 50.4 49.9 52.2 49.7 51.7 52.1 53.1 54.4 54.2	67.4 64.5M 62.7 65.0 65.1 64.6M 66.7 64.3 67.4 65.3 65.6M 66.7 67.0 68.5 67.3	1.7 2.0 2.5 3.8 1.9	93 92 96 94 90 88 92 93 91 94 89 92	6 6 7 6 6 1 7 6 6 6 1 6 6 6 6 6 6 6 6 6	38 32 27 32 37 34 36 36 38 35 38 39 38 39	27 27 27 28 27 27+ 27 8 26+ 8 27 27 8	36 68 96 61 58 63 35 36 9 30 47 43 39 44 28 26	1 1 0 2 1 1 1 2 1 0 1 1	000000000000000	0 0 1 0 2 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	2.30 2.34 2.78 2.39 1.50 2.91 2.68 3.48 3.35 2.79 3.49 2.95	- 0.79 - 0.83 - 1.58 - 0.61 - 0.17 - 1.31 - 0.09	0.90 1.008 1.31 1.12 0.97 1.18 0.90 0.88 1.50 1.686 1.40 0.81	31 26 31 26 31 31 26 2 20 31 20 30	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		5 4 3 3 2 5 5 3 5 4 5 5 7 4	2 2 2 2 3 3 2 1 3 3 2	0 1 1 1 0 0 1 0 0 1 1 1 1 2 0 0 0

TABLE 2 - CONTINUED

				Ten	ipera	ture		Precipitation												
									S.	No. of Days			9 20 21	14		Snow	et	No. of De		
Station	Average Maximum	Average Minimum	Average	Departure from Long- Term Mean	Highest	Date	Lowest	Date	Degree Day	Above 32° or	32° or Below	, le	Departur from Lon	Greatest Day	Date	Total	Max. Depth on Ground	Date	ō	.50 or More
JONESBORO 8U · 5 79 · 7 82 · 5 79 · 4 79 · 1 81 · 6 81 · 0 78 · 9 79 · 6 79 · 5 81 · 2 79 · 3 81 · 6 80 · 5 81 · 1 80 · 6 78 · 2 79 · 2 82 · 6 78 · 3	53.7M 50.2 51.5 51.6 51.8 51.7 51.7 51.7 51.5	67.1M 65.0 67.0 65.5 65.5 65.5 66.4 67.4 65.6 66.4 65.5 66.8 67.1 65.2 66.8 67.1 65.2 67.0 65.2 67.0 65.2	4 • 2 - 0 • 3 2 • 1 3 • 9 4 • 0 2 • 5 4 • 6 0 • 4 - 0 • 3 3 • 8 3 • 1 0 • 8 3 • 0 3 • 0 2 • 1	94 89 91 87 88 92 94 89 91 95 92 92 93 90 93 89	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	36 37 38 34 43 38 35 40 35 39 38 42 40 38	8 2 7 8 8 8 8 4 2 7 4 2 7 7 2 7 2 7 2 7 8 8 8 8 2 7 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	23 62 413 47 39 74 32 54 46 61 35 26 56 59 42			0 1.90 0 2.33 0 3.44 0 3.55 0 2.33 0 2.22 0 4.00 0 5.33 0 2.21 0 4.81 0 2.44 0 3.55 0 1.66 0 2.24 0 3.55 0 4.81 0 3.55 0 4.81 0 3.55 0 4.81 0 4.81 0 4.81 0 5.33 0 2.22 0 4.81 0 5.33 0 2.22 0 4.81 0 5.33 0 6.22 0 7.23 0 8.55 0 1.65 0 1.65 0 1.65 0 1.65 0 2.22 0 2.42 0 3.55 0 4.81 0 2.22 0 4.00 0 2.22 0 0 2.22 0 0 2.24 0 0 2.22 0 0 2.22 0 0 2.24 0 0 2.22 0 0 2.24 0 0 2.24 0 0 2.22 0 0 2.24 0 0 2.24 0 0 2.24 0 0 2.24 0 0 3.65 0 0 2.24 0 0 2.24	0 · 0 · 46 · 0 · 35 · 1 · 39 · 2 · 1 · 10 · 2 · 51 · 3 · 2 · 51 · 3 · 5 · 6 · 0 · 97 · 6 · 1 · 16 · 6 · 1 · 16 · 6 · 1 · 16 · 7 · 7 · 0 · 88 · 7 · 0 · 88 · 0 · 88	0.99 1.73 1.90 1.45 1.06 1.35 0.44 1.16 0.94 1.47 1.87 0.90 1.16	26 21 20 31 20 31 4 22 21 26 21 31 31 31 25 20	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000		355544546635535525 4	2 2 4 3 2 2 2 3 4 4 4 2 3 0 0 2 2 2 2 3 2 2 3 3	

DAILY PRECIPITATION

able 3		_																																	
Station	Total	1		9	3	4	5			7	8	Q	10	11	12			of mo		16	17	18	19	20	21	22	23	24	_ 25	26	27	28	29	30	31
вотт	1+4	8	-L	2	.59			-	J	/		-	10	11	12	-	1				.,					ed 9				. 4 1					
ICIA UM FORK Y	3 . 5	6 .0	15		.05 T	.08																		1.9	T +35					.05					1.15
Y ITY 3 NE TOINE	2 • 2	81		•02	.04	.10		75																	. 73	.16				. 3					
LIN 1 H KADELPHIA	2 . 3	3 .0		,	+13 +25	.05		0.2																. 5	. 15	+32				.54					.91 .91
KANSAS CITY HOOWN	2 • 6	14 T	17		.19		•	0.2																										.0-	
HENS GUSTA LO KNOB	2 • 6	57 98	16	. 25	1 .45	.02																	. 1	- 1	34	1 34 T				. 77					1116
TESVILLE LIVESTOCK TESVILLE L AND D NO I	2 .	0		.04 T	.40																			: 1	0					* 1					. 9 .
ATY LAKE AVER 1 SE	2 . 8		30	.05	Т	T +1:	3												.02	. 4					, 3 , 4, 5					a *1; a 84					1
ECH GROVE EDEVILLE	2+2	35		Ţ	T	+32	2																	.41		.24				1.13					1.1
NTON NTONVILLE	2+5		3	T	. 15													.0-	.07	. 54				. 4						.04					1.1
RRYVILLE 4 NW G FORK	2 • 2	71				.0.														٠				. 1											1
G LAKE OUTLET	2	1 1	3		+02	.3	,																			0 0 4									1.0
AKELY MOUNTAIN OAM UFF CITY YTHEVILLE	3 .	17 T) 2	.03 .04	+27 +45	. 2	1																	. 15	•15 •	+11 +73 +0				.54					- 10 - 10 - 10
ONEVILLE UGHTON	2 •	95		.04		.0	3												Т					+14 +29		. 3.				+ 33 + 5					1.5
AOFORO	2 + 2 +	26		.06	. 35																			. = 8	. 11					.05					1.1
FFALO TOWER ROETTE	1 4 .	5 0 85		.04					.06																2.36										.0
BOT 4 SW	3 .		21	* 77	.05				-1															. 1	T										
MOFN 1 MP CHAFFEE	2 +	68 . 50		.05 T		T	•	06																+13	.3	.58				.51					
ARENDON	3 •		04	.43	. 52																				1+23	+04				.65				. 16	
ARKSVILLE	2 .	03		0.5	.03	T T	3																		.13	T			. 5	7 . d1					10
ILD SPRINGS INWAY IRNING		26 · 18	36	.80	.01																			. 55	.:1					.58				. 86	
TTER	-	11-		-	-	-		-	- 1	-	-	-			-	-		-	-			-			.20	-				-					1.
POSSETT 7 S RYSTAL VALLEY	3 .	26 48 T 61		.10	• 0	* 1	4																	1.68	2+41					5	7				. 6
MMINS FARM	3.	35 ·	08	.15	. 31	2	1	.05																	. 12					. 0 1	5				
AMASCUS ANVILLE	2 .	07		•14 •37	. 30	0 .2	8																	+ 15	1.26	. 28				**					
AROANELLE E QUEEN		15 .	06	T	.1	• 0	17																		.05					* 44					1 *
ERMOTT ES ARC	2 .	67		.30	• I			• 49																. 92		013				. 3 . 4 . 8	2				
EVILS KNOB JMAS 1 AGLE GAP	3 .	19	13	.03	_	.0	3	-		-											-	-	1:		1.01					- 1				. 1 e	1
L OORAGO CAA AP	2 .		63	. 2 I	T		3											T	. 40	T				. 52	. 10				1 .	. 6	0			. 0.	4.4
JREKA SPRINGS VENING SHADE AYETTEVILLE	-	86	r	Ť	• 2	0												.04	. 35	.02			.05	T	.03				. 7	1+2	3			. 96	
AYETTEVILLE CAA AP	2 (91 1			+0													· 0 3	.32	.02				.0	5	.0.								.98	5 .
IPPIN CAA AP	2 .	85		81.				_	-			-				.		-	.05		-	-	- 1	+20		-			. 6	-				1.51	-
ORT SMITH #8 AP R/ F SMITH WATER PLANT		93	7	T	• 2	3 .:	1.3												.07				.04	• 2	7					1 + 1	6				1 .
OUNTAIN HILL ULTON		.01	-	•05	• 0	2 T		-	-	-	-	-	-				-			-	-	-			.1	.01				.1					1 .
EORGETOWN ILBERT LENWOOO	3.	• 13 • 07 • 48		. 27	• 3		19																	* 3	0 1.1.	3				1.0	Ü				1:
RANNIS	1	. 82				1 .	0.7																	. 2.	. 1	5 415				8.4					
RAVELLY RAVETTE REEN FOREST	1	• 15 • 82 • 59			•0	3	09												+ 0 4					7	.1	6 7			Ŀ	. 9	7			. '	
REEN MOUNTAIN				-	-	-		_	-	-								-			-				-	-				-					1.
REENWOOD JROON 3 E	2	. 55	.02	.03		16 T		•05													.0	2			e l	41.5	В			. 4					
AMPTON ARRISON	3	. 80 . 72		.22	Т																			. 0						1.7				. 5	Ĺ
EBER SPRINGS 3 NE ECTOR	- 46	.72		.01	1	0 1.	49	.05																+ 4	4 .7	8 • 1 •	?			1.4	è				1
ELENA ENDERSON 2 # OPE 3 NE	3	.38 .82 .17	T	+04	1 + 2 + + 0			•12																+ 2	• 1				•	+ 1					ļ.
OPPER	3	. 72		T . 0 !	т		3 7 3 7																	+0	3 1.5	7 .				. 5	ď			. 6	1
ORATIO OT SPRINGS 1 NNE UTTIG DAM	1 2	.83	.04	. 13	3	8		• 22																. 3	• I	1 .5	3			. 4				1	
NOEX	1	.40																						+ 2	6 .	4 1				. 6	16				
ESS IEVILLE IONESBORO	3	.78	Т	.0	5 +1		0.2																	1+5	+ 2	3 . 5 .0 5					10 16				
AKE CITY	2	.59	.07	• 2	. ()4 .	08																			1 7	5			1.1	7.8				
LANGLEY	2	.32			Ť		10														5				2 +4	•					٠)			. 1	
.EE CREEK .EOLA	2 2	.15	T T	.3		29	04																	. 3			4			8 /	9			. 7	
ITTLE ROCK FILTER PL	4	59	.20										1											- 5	7				1 •	16	15			1 . 2	
OST CORNER QUANN 2 SE URTON	2	3 • 92 2 • 77 3 • 02			0 •		23						1												13 +5	6 .	3 7				7.2				1
MADISON	3	2 • 6 7	.08		1 .	06 1		T +05																	1.2	8					0.8			. 8	
MAGNOLIA 3 N MALVERN MAMMOTH SPRING		3.44	.04	. 7	0 .	01 1 54	22	.05																							93 92 67			. 8	
ARIANNA 2 S		3.51	.13	• 3	5 3 .		0.5																			9					8				

Table 3—Continued	-		-											Da	y of m	onth															U8 E.R	
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARSHALL MARVELL MELBOURNE MENA MONTICELLO 3 S	3.95 2.11 1.71 2.22	-	- T •02 •24		- •06 •20 •07	т	-	-		-	-	-	-	-	-	-	-	-	-	-	•20 •10 •21 •87	•66 - •06 •23	-	-	-	-	1.42 - .88 .05	-	-	-	-	1.67
MOROBAY L ANO 0 NO 8 MORRILTON MOUNT 10A MOUNT MAGAZINE MOUNTAIN HOME	1.86 3.24 3.03 4.28 3.46		.42 .05		•10 •68	•02																•12 •36 •57 1•67	•32 •03 •13			. 83	.27 .51 .49			1	T 1 • 60 1 • 59	.71 1.04 .96
MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 E MULBERRY 6 NNE NARROWS 0AM NASHVILLE PEACH SUBSTA	3.77 2.60 2.98 2.15 2.59		Т	.58 .10 .67 .07	1 •40 •02 •23	.03											•10				•33 •22 •03 •07		•16 •02				.83 .92 .74 .75					2.03 1.18 1.12 .78 .61
NATHAN 4 WNW NEWHOPE 3 E NEWPORT NIMROO OAM OOELL	2.66 2.50 2.20 2.90 1.92		T • 02 • 06		.64 .54 .14	•05										.03	•17			.01	• 83 • 08	•15 •16 •08	•25				.87 1.01 .74 .30				.03	•70 •67 •99 1•21 1•20
OOEN 2 W OKAY OSCEOLA OWENSVILLE OZARK	1.87 1.71 1.74 3.40 2.71	T +02	T . O 3 T	.39 .09	*10 *19 *08 T *01	т											•01				•13 •15	.18 .03 1.06 .26	*13 T *20 *09			• 25	.10 .02 1.08 .46			1	1 - 10	.55 1.24 1.21
OZONE PARAGOULO PARIS PARKIN PARKS	2.64 4.04 3.41 1.93 2.72	т	•06 †	*02 *10 T	T 1.73 .02										•04						.38 .03 .21	•32 •05 1•15 •11	.09 .12			.45	.73 .62			1	1 - 41	1.08 1.41 .05 1.24 1.30
PERRYVILLE PINE BLUFF PINE 8LUFF CAA AP PINE RIOGE POCAHONTAS 1	4.32 5.34 4.89 1.57 2.16	.26 .12 .01	.01	1.06	•07 •02																1.29	.89 1.45	1.90	.01		.55	.51 .31 .11 1.06				1.07	.30 .91 1.02
PORTLANO PRESCOTT RATCLIFF RISON ROGERS	3.52 1.66 2.49 2.97 2.37		.04			•15 •33			Т						*OZ	+36	.02				T •13	1.35 .34 .41 .20	.05 .18 1.33 .46			•26	.62 .30 .48	.43				1.10 .44 1.60 .93 .16
RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM SEARCY	2.95 2.24 1.49 2.93 2.43	.03			•03																• 5 7 T	.10 .03	*01 *07			•64	.05 .67 .52 1.23				- 1	1.16 .60 1.02
SHERIOAN TOWER SHIRLEY 3 SE SILOAM SPRINGS SPARKMAN 4 E STAMPS	4.87 1.87 2.03 3.41 1.91		1.20 T	+12 1+50 +18	+04											+52	•09			+14	• T	2 • 0 0 T • 9 0 • 4 0	T T •30 •12			.80	.07 .31 .68				• 75	1.39 1.29 .40
STAR C1TY 2 S STEVE STUTTGART STUTTGART 9 ESE SUBIACO	2 · 84 2 · 58 3 · 68 4 · 24 3 · 87	.35	1.47	+22 +22	.08											•13	•01					.38 1.14 .24 .17	.90 .09 .05				•52 •32 •43 •51 •59					.82 .90 1.10 1.23 1.31
TAYLOR TEXARKANA W8 AP R// TURNPIKE WALDRON WALNUT GROVE	1.89 1.47 3.57 1.42 2.05	•10 T		T	T T	•02										т				т	•35 •37 T	.54 T .63				•32 •82 •13	.20				.43 1.50 1.29	.62
WALNUT RIDGE CAA AP WARREN WASHITA WHITE ROCK WHITECLIFFS	1.87 2.29 2.55 3.12 1.13		•02 •11 T		Т												•13				T 1.16 1.75 .25	T •03 1•04 •12	+06 +10			•90	.30 .80 .27	.03			.89 .52	.12 ·
WILSON WYNNE YELLVILLE	2 • 6 8 2 • 8 2	.11	.08		.80																• 76 • 56	•02				Т	- .89 .91					.50 · .82 · 1.35 ·

Table 5	_			_					D	TAI		1	111/	111					J													R	1950
Station	-	, 1			. 1	, T		. T	. 1			T					OI M									т		. т			1		erage
ALUM FORK MAX	+	89	80	3 82 59	85	5 87 57	92 56	89	8 84	9	80	11	84	13	84	15	16	17	85	82	79	79	78	82	80	77	78	68	72	75	72	68	81.0
ARKAOELPHIA MAX		88	81	84	86	88	93	55 87 57	84	87	84	88	86	56	53 87	85	56	86	52	87	74	68	57	54	83	83	71	72	75	80	57	67	52.5
MAX MIN		90	87	89	63 87 56	89	94	91	40 84 38	86	80	51 85	89	57	57	83	85	85	87	56	79	73	52	51	83	80	76	72	76	81	57	74	52.8
BALO KNOB MAX		87	76 68	80	83	85	92	87	80	76 42	76 51	83	8.2	63 79	83	78	57 83 47	84	84	81	55 75 52	70 59	80	49 85 55	80	57	35 75	66	70	76	74	70	79.4
BATESVILLE LIVESTOCK MAX		89	76 50	76 50	81	88	92	96	78	85	80	77	85 37	8 7 50	80 43	45 85 45	85	87	88	88	83	83	58 80 47	83	87	83	39 82 34	72	71 28	74	76	74	82.3
BATESVILLE L AND 0 NO 1 MAX		85	78 67	83	87	88	94	87	84	80	76 42	85	84	81	84	85	85	86	86	83	79 56	74	82	85	82	80	75 40	68	73	76 39	40 75 54	76	43.0
BENTON MAX		83	78 65	82	85	87 52	95	82	84	83	80	86	85	82 52	85	83	84	85	86	86	75 57	69	79 53	83	82	82	69	69	75 34	69	72	67	80.4
BENTONVILLE MAX		83	80	85	86	88	86	81	8 7	77	82	86	86	82	72	72 52	78 54	80	81	75 48	74	70	75	79	80	68	66	70	72	77	65	61	77.5
BLAKELY MOUNTAIN OAM MAX		95	83	79	85	87	51	95	81	85	85	82	86	85	85	84	86	84	85	85	85	72 57	71	80	83	81	78	70	69	74 42	78	66	81.5
BLYTHEVILLE MAX		79 58	80	81	82	84	90	81	81	77	73	82	81	80	85	84	85	84	82	83	80 57	68	78	83	81	81	66	68	74 38	75	74 50	70	79.1 51.0
BOONEVILLE		87	81	90	91	92	97	84	91	87	84	90	90	89	88	79	87	87	88	86	80	74 57	81	85	86	79	72	70	78	81	73 55	64	83.6
BRINKLEY MAX		88	76 65	80	81	85	88	85 45	79	80	78 46	84	80	78		85	85	85	84	84	75 55		80 57	84	81	80	73	70 35	75 35	75	75 52	70	80.1
CAMOEN 1 MAX		90	87	88	84	83	88	92	79	83	88	86	87	85	83 50	85	84	86	86	87	87	74 55	71 53	80	85	83	83	71 36	74 39	76 45	81	76	83.0
CAMP CHAFFEE MAX		95 61	84	81	90	92	92	92	81	89	88	84	89	88	86	85	79	85	83	86	85 58	75 58	75 49	81	85	85 50	75 37	73	70 36	77	81	68	83.2
CLARKSVILLE MAX		86 62	82	87	90	91 52	95	84	86	86	82	87	88	82	85 56	82	86 52	87	87	79 56	84	78 51	81	83	82	75 59	70 38	70 39	73	76 55	71 58	67	82.0
CONWAY MAX		88	79 65	82 63	86	88 55	93	89	83	81 45	79 46	85 41	85 57	81	85 50	8.5 50	84	86	87 50	83	77 60	75 61	82	83 52	80 4 8	80 54	76 41	69 36	73 36	76 48	73 58	67 50	81.3
CORNING MAX		80 55	76 65	79	83	84 54	93	77	80 37	7 4 4 5	72 45	80	81	81	85 49	83 50	83	84	8 Z 4 8	82	73 52	68	82	83 48	81	80 57	72 43	68	72 36	74 42	76 52	73 51	78.7 49.9
CROSSETT 7 S MAX		84	85 69	84	82 61	85 59	90 53	86	81	86	8 5 5 0	87	85 56	83	86 54	85 50	86 53	86 47	87 47	86	81	68	76 58	84 52	85	84	80 48	74 38	79 41	80 52	79 52	70 48	82 • 5 52 • 2
CUMMINS FARM MAX		85	79 64	80 56	83 57	84 52	91 48	86	82 35	83	81	82	83	82 52	84	82	85	85 49	85 50	85	76 57	76 55	77 57	82 51	80 48	80 54	74 44	72 37	75 38	76 48	76 50	73 48	80.8
OAROANELLE MAX		87	83 56	83	85	87 55	93 55	85 51	86	81	78 41	85	88 56	83	85 55	84	85 57	85 48	86 50	85 57	78 60	73 61	77 57	81 52	81	78 58	69	69	74 41	77 41	71 59	70 53	81.0 52.3
OE QUEEN MAX		85 63	83 62	93 59	92 54	93 51	9 7 50	87 54	8 7 3 7	90 44	87 51	89	90	85 61	87 53	85 58	87	8 5 4 3	88 43	83	70 57	76 50	85 46	86 47	50	79 55	74 34	72 33	77 40	8 2 5 2	74 56	72 42	84 • 0 50 • 3
OES ARC MAX		91 63	79 64	72 64	80 62	80 55	86 55	90 48	41	80° 43	79 50	77 45	83	81	80	81 52	82 53	8 4 5 0	85 51	84	81 55	73 60	69 58	81 52	84 51	81 54	71 38	73 38	75 42	70 46	76 50	75 55	79.4 51.7
OEVILS KNOB MAX		81 65	79 64	79 59	84 63	84 62	90 63	76 48	81 53	80 55	77 49	80 53	81 61	76 56	79 58	73 59	79 58	78 62	79 62	76 59	70 53	68 54	76 53	77 58	73 52	67 52	73 52	65 42	66 45	66 52	63 43	63	75 s 5 55 s 2
OUMAS 1 MAX		83	83 65	8 <i>2</i> 60	85 60	8 5 5 6	94 52	78 50	83 38	84 43	86 46	89 46	85 58	82 47	88 55	84 52	87 53	88 52	87 50	85 53	7 2 5 8	65 58	75 58	82 54	83 52	82 56	70 45	72 39	77 39	78 50	78 52	68 50	81.3 52.1
EL OORAGO CAA AP MAX		85 68	83 65	8 1 6 4	79 61	85 58	89 55	78 48	82	85	84 53	86 52	86	83 58	85 53	85 52	85 55	85 50	8 7 5 2	85 53	76 60	68 55	7 7 5 5	84 52	84	8-2 5-6	69 43	73 39	76 43	80 56	74 53	64	80.8 53.1
EUREKA SPRINGS MAX		87 61	83 63	85 61	86 57	90 50	90	75 43	89	79 54	80 51	8 7 4 7	88	82 64	74 59	76 58	88 57	82 50	81 51	78 54	75 56	71 55	76 49	81	80° 55	79 56	68 38	69 38	74 42	77 52	67 55	65 47	79.4 53.0
FAYETTEVILLE MAX		82 64	79 64	86 61	86 61	87 48	8 9 5 5	74 44	85 42	84 48	82 54	85 49	84 65	81 64	76 60	73 61	78 57	79 46	81	77 55	73 57	71 55	74 49	79 46	79 49	69 53	66 35	6 9 3 3	72 46	75 57	66 54	58 46	77.4 52.3
FAYETTEVILLE CAA AP MAX		82 55	80 58	85 60		87 46	89	74 37	85 33	82 43	83 46		85 55	81 64	79 56	74 56	79 53				75 55	72 52	76 47	81 42	80 42	70 39	67 32	70 30	73 34	76 56	68 48	59 43	78 • 2 4 7 • 1
FAYETTEVILLE EXP STA MAX		8 2 5 9	80 59			88 47	8 9 5 2	81	84	8 1 4 7	83 48		85 62	80 65	75 59	73 55	78 56	79 46		88 50	73 56	72 54	75 47	81	75 43	74 54	71 33	69 34	72 37	75 52	70 54	58 47	78.3 49.9
FLIPPIN CAA AP		81 54	84 61	81 61	86 57		91 53	75	87 34		76 48		86 54	82 57	83 49	85 50	82 50	84 45	84 46		76 57	75 57	79 50	82 47	83	81 50	69 37	69 32		77 41	70 51	70	80 · 1 48 · 1
FOROYCE 6 W		86 68	80 65		84 63	89 57	92 57	85 55	85 43	86 49	49	89 46	87 60	83 57	87 58	83 54	87 58	87 54	87 56	86 57	79 60	72 57	77 54	85 54	84 55	83 57	78 45	72 38	77	80 55	76 56	67	82.6 54.4
FORT SMITH WB AP		66	81 66				96 55	81 47	89 41		83 54	87 51	87 60	85 62	83 57	76 61	83	83 50			75 58	73 57	80 53	84 49	84 53	77 46	71 40	70	77 43	80 54	69 52	62 47	81.2 53.4
FT SMITH WATER PLANT MAN		89 56	84 60	85 59		90 47	93 49	87 43	86 35		83	85 44	85 53	65	80 61	77 51	82 54	84 43			76 54	75 55	80 48	82 45	81	78 57		70 32				62 49	80.9
G1LBERT MAN		82 50	81 59			90 48	96 47	78 36	89 31		78 48		88 52	85 53	86 46	84 47	81	85 41		84	75 57	75 60	80 50	84	82 43	78 51	71 35	70 32	76 30	75 37	70 58	70 48	81.1
GRANNIS MAN		85 64	83 61				96 59	86 47	85 42	89 51	86 53		8 7 5 3	85 54	84 54	59	86 59	85 50	85 52	83 59	57	55	53	5 4	84 5.3	52	75 39	72 39	42	4 4	5.8	70	83.7 52.4
GRAVETTE MAN		85 60	80 58					77 36	88 3.7		89 51		86 60	83 63	73 58	72 52	80 55	83 47	83 49	75 51	75 54	71 53	77	81		71 53	70 29	71 36		78 53		59 47	79.1 49.7
GREEN MOUNTAIN MAN																																	
HARRISON MAN		86 51	85 56							80 43	78 43		87 52	85 55	85 53	82 52	85 51		81	76	76 56			83 43		75 54		29	31	4.2	68	4.7	80 • 2 46 • 0
HELENA MAI		83 65	76 67	82 63		85 60	90 55	83 55	80 42	82 46	80 50		81 59	80 52	83 54	83 50	85				77 58	70 60	78 60		82 52	80 59		72 44	75 47	75	75 52	72 53	80+3 54+2

ARKANSAS OCTOBER 1956

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Table 5 - Continued															-				_		_										0010	JEER	
Station									_					,,, T			Of M			,,,	00	a. I		00	۵, ا	or T	00	07	00 T	00 T	00 [verage
HOPE 3 NE	MAX	94	86	83	85	5 83	87	7 94	8	9 85	10 87	11	12 88	88	14	86	16	85	18 85	19	88	71	71	80	24 85	85	80 43	71 38	72 41	76 41	82	72	82.9
	MIN	64	65	61	59 90	83 58 91	53 97	56 94	40 86	87	48 86	50 88	50 87	57	85	52 85	57 86	49 86	88	49 85	55 79	69	52 81	53 85	50 84	51 78	43 73	72	41 76	80	41	69	83.0
HOT SPRINGS 1 NNE	MIN	69	68	61	64	61	62	56	48	55	55	55	62	59 83	61	58	58	57	59 84	61 85	62 76	60	56 80	56 85	52 83	58 82	45 73	67	45	53 77	58	71	56.9
JONESBORO	MAX	78 61	75 67	67	63	89 58	55	83 53	84 42	51	51	50	57	49	52	52	52	53	52	53									42	47	53	56	53.7
KEO	MAX M1N	85 65	75 64	78 60	61	84 55	89 51	75 44	79 35	81 42	78 48	84 43	83 57	80 48	85 49	86 48	85 51	85 49	86 49	84 51	77 56	67 59	79 54	83 52	48	81 54	41	70 36	74 38	77 49		46	79.7 50.2
LEAO HILL	MAX	89 50	86 58	80 61	89	89 44	92 46	78 34	90 30	78 41	78 42	88 37	90 48	87 55	87 51	86 50	85 51	87 42	85 42	84 41	78 57	76 60	80 50	83 45	83 42	78 51	70 32	70 38	76 30	78 39		70 49	81 • 9 45 • 7
LITTLE ROCK W8 AP	MAX	81 66	73 64	81 65	84 65	85 60	94 60	79 51	82 44	79 50	78 54	83 52	82 60	80 55	83 53	82 55	83 58	84 56	84 58	83 59	71 62	69 61	79 60	82 60	80 54	81 55	68 47	68 43	73 43	76 52		66 51	79.0 55.8
MAGNOLIA 3 N	MAX	90 67	87 64	87 62	83 57	84 56	91 52	91 59	83 39	84 45	82 51	86 50	86 54	85 54	87 55	82 52	84 54	86 46	86 48	86 53	81 52	70 51	79 50	84 50	82 50	84 57	70 41	71 35	75 42	80 53		71 46	82.5 51.5
MALVERN	MAX	94 64	84 66	84 61	86 60	87 56	94 51	89 49	85 37	85 44	82 53	87 49	86 54	82 54	85 50	83 50	84 51	86 48	87 50	84 54	75 61	68 59	80 53	85 51	83 47	81 53	77 40	71 36	75 42	80 49		68 50	82.3 51.5
MAMMOTH SPRING	MAX	83 51	82 68	85 64	85 62	87 52	90 50	75 41	86 33	78 45	76 42	85 40	87 49	83 48	87 46	87 48	86 49	88 44	87 46	86 45	74 54	74 56	81 53	85 45	83 45	81	72 38	72 32	77 32	76 *		73 53	81.5 47.8
MARIANNA 2 S	MAX	81 66	79 66	77 61	81	85 53	87 52	83 46	80 36	80 43	78 47	86 47	80 61	79 51	84 57	82 47	84	85 49	83 47	82 49	75 59	68 60	77 59	83 51	81 50	80 58	74 43	70 40	75 39	75 51		71 52	79.4 51.6
MARKEO TREE	MAX	78 60	74 66	84	82 62	84 56	88	84 48	80 37	77 47	75 45	82 45	80 58	80 50	83 52	83 50	84 48	85 52	82 52	82 49	78 57	69 59	80 60	82 54	81	80 57	77 47	68	73 38	75 48		68	79.1 51.8
MARSHALL	MAX	81	30	33	32	, 0	- 1	. 0	,		76	86	84	85 61	82 56	84 54	82	83	83	81	76 56	72	49	46	78 47	75 46	69	69	72 33	72 45	70 46	69	46.8
MENA	MIN	56 83	78	87	85	88	94	83	87	86	82	86	85	82	81	83	83	84	85	85	70	70	77	83	81	74	69	69	76	77	69	63	80.2
MONTICELLO 3 S	MIN	83	63 78	58 83	59 83	58 85	92	56 89	88	52 88	55 86	51 87	59 86	65 81	59 85	61 84	59 84	52 86	52 85	60 84	58 77	56 66	51 75	52 82	81	62 82	39 77	75	42 75	51 77	56 77	68	54.7 81.6
MORRILTON	MIN	86	79	82	88	88	93	87	85	82	80	49 86	87	84	86	85	85	87	47 88	59 85	59 77	57 74	56	50 83	48 81	52 80	46 72	69	41 74	53 77		69	81.6
MOUNT IOA	MIN	62 82	64 79	85	63	90	95	53	39 85	46 81	50 83	42 82	57 86	56 85	52 84	54 83	53	50	52 85	53 84	60 78	60	56 80	53	50 82	54	43	36 69	36 74	46 78		51 65	52.2
	MIN	60		57	57	51		47		42	42	40	54 78		49	49		43	43				48	46	44	57	37		33	44	52	45	47.3
MOUNT MAGAZINE	MIN	78 60	72 60	73 59	80 59	83 62	63	76 49	82 54	76 62	73 53	79 53	60	75 • 58	75 56	72 59	76 59	78 59	79 58	78 59	78 58	66 54	54	75 56	73 58	50	61 42	45	65 44	66 45	62 50	50	73 • 4 55 • 1
MOUNTAIN HOME	MIN	82 57	80 63	79 61	85 59	84 54	89 56	79 47	85 40	75 39	75 49	85 46	85 55	81 54	84 52	84 55	82 56	84 50	85 52	81 52	75 58	75 57	79 54	82 53	8 1 5 1	82 52	69 43	69 38	75 40	69 42		73	79.5 51.2
MOUNTAIN HOME C OF ENG	MIN	83 57	82 60	79 61	79 59	84 51	85 52	89 45	74 35	85 40	74 50	73 42	84 45	84 54	80 52	84 52	84 52	82 45	83 47	83 48	81 51	75 59	74 51	78 48	82 46	80 49	80 43	33	67 36	72 39	73 46	71 51	79•1 48•4
NARROWS OAM	MAX	93 58	85 65	86 58	87 57	88 54	91 51	93 53	84 38	85 45	90 51	88 49	88 52	88 58	.84 50	86 52	85 58	88 46	88 48	88 53	185 57	71 52	73 47	83 49	87 47	84 51	79 37	73 35	74 38	75 40	80 55	73 46	83.9
NASHVILLE PEACH SUBSTA	MAX	93 64	86 63	83 60	88 58	86 57	90 53	93 56	82 40	84 48	86 51	85 54	87 57	88 59	84 54	85 57	83 61	85 48	87 52	86 57	85 56	67 55	73 52	82 53	85 52	83 53	78 37	72 39	71 43	74 50	80 48	64 46	82.4 52.7
NEWPORT	MAX	81 58	74 65	82 64	84 61	85 55	94 53	87 51	82 38	78 45	76 46	85 43	84 56	83 49	86 48	83 49	86 50	85 51	85 51	84 50	76 59	70 58	81 59	85 56	84 50	83 57	73 47	70 38	75 40	80 46	78 54	73 56	81.0 51.7
NIMROD OAM	MAX MIN	99 60	81 62	78 58	85 62	89 54	92 55	96 50	80 43	89 47	86 45	83 43	91 46	88 59	60 51	88 55	88	87 43	88 49	89 52	88 55	76 60	55	81 50	85 48	84 48	80 40	71 35	71 35	77 40	79 48	70 49	83.3 50.1
OKAY	MAX	90 67	87 66	89 61	85 58	89 55	95 53	88 57	85 40	88 47	86 55	89 53	90 64	86 63	86 56	85 59	86	87 47	88 47	87 55	79 59	75 54	84	86 50	84 50	83	71 39	75 37	79 43	83 54		72 47	84.4
OZARK	MAX	87 64	82 64	90 61	92 63	93 53	97 55	83 50	88 41	86 48	82 49	87 53	90 62	85 62	84 59	75 61	85 51	87 48	87 49	83 58	80 60	77 55	82	84 51	8 4 50	75 61	73 40	70	75 47	78 57	71 58	65 50	82.5
PARAGOULD	MAX	82	78 65	81	82	85 55	89	84	81	73	74	82 42	80	77	83	83	83	83	83	84	73 51	69	79 55	84	82	80	74 43	67	72 34	75	75	70 53	78.9
PARIS	MAX	89	83	90	93	93	98	4,7	,,	7,	-	91	90	86	89	83	90	88	90	88	80	79	80	85	85	80	73	72	78	80	73	65	84-1
PERRYVILLE	MIN	86	63 88	59 82	61 88	51 87	53	87	81	82	78	45 86	56 88	59 86	51 85	55 87	86	45 82	81	80	55 82	59 78	80	51 81	49 79	58 80	39 75	74	39 69	46 79	58 78	71	52.3
PINE 8LUFF	MIN	83	58 76	56 81	59 82	57 84	91	54 78	33	39 83	79	39 86	59 83	81	45 86	56 83	56 88	52 85	49 85	47 84	59 76	51 64	76	52 82	5 1 80	46 81	39 73	3 8 6 9	32 73	41 75		66	49•6 79•6
PINE BLUFF CAA AP	MIN	82	65 76	80	57 82	59 84	91	57 75	80	82	54 79	50 86	59 84	54 81	5 7 8 5	54 83	54 84	56 86	55 85	56 85	60 76	59 65	59 78	56 82	53 81	58 82	47 67	71	43 74	52 77		65	55•1 79•5
POCAHONTAS 1	MIN	67 86	63 76	62 84	61 85	58 88	95	45 81	38	43 81	49 75	46 83	5 6 83	49	54 85	48	53	50 86	49 86	52	57 75	59 68	58	54 87	50 82	56 81	45 77	41 70	41 78	49 75	51	47 72	51.7 81.2
PORTLAND	MIN	57	69	65	64	54 78	52 82	52	35	48 78	53	47	50	47	46	49	50	55	56	52	58	56	59	53	52	51	44	3 8	40	42	50	54	51.5
	MIN	57	63	60	60	60	61	54	76 40	40	83 42	50	84 51	81 49	79 49	84 50	82 52	84 52	50	85 50	83 53	78 58	69 58	73 57	51	80 52	79 50	42	68 41	73 44	51	76 51	79.3
PRESCOTT	MIN	92 60	85 62	60	83 56	82 55	83 51	91 51	79 38	84 43	84 45	83 47	53	88 52	83 49	85 50	83 55	84 46	84 45	86 50	87 58	73 48	72 50	79 50	84 48	82 51	80 39	70 35	71 36	75 38		70 41	81.6 48.7
ROGERS	MAX	84 61	81 63	86 61	88 63	90 55	88 58	75 47	88 43	79 56	83 52	87 50	85 62	82 64	73 61	73 59	80 58	83 51	85 52	80 54	74 55	71 56	75 49	81 59	80 51	70 55	68 38	72 36	74 41	77 54		60 48	78•7 53•8
RUSSELLVILLE	MAX	86 61	82 62	84 61	89 63	89 53	94 53	90 49	87 37	83 47	81 49	86 43	88 56	84 56	86 53	85 53	85 53	87 47	88 49	85 54	80 60	76 60	81 53	83 50	82 49	78 53	71 40	70 37	74 38	77 47		69 52	82.4 51.5
SAINT CHARLES	MAX MIN	92 65	83 66	73 59	78 59	80 57	85 53	91 53	74 40	80 46	82 49	79 47	87 56	82 50	81 54	85 50	84 53	85 52	85 51	84 52	85 57	74 61	67 59	78 54	84 50	83 56	82 46	68 39	73 40	77 50		77 52	80.5 52.5
SEARCY	MAX MIN	84 53	77 67	81 64	84 64	86 57	93 54	85 51	82 39	78 46	77 51	86 47	85 53	81 48	85 49	84 50	85 56	85 53	86 58	84 53	76 58	73 61	80 58	85 58	83 49	83 52	75 42	70 38	76 40	79 45		70 55	81 • 1 52 • 4
SHERIOAN TOWER	MAX	85 66	83 65	81 62	83 61	85 58	92 55	86 57	83 51	85 47	82 41	80 42	85	84 51	83 52	84 50	85 52	84 51	86 52	87 54	53	52	52	85 53	8 <i>2</i> 5 <i>2</i>	80 50	45	37	49	78 54	77 52	53	83.5
SILOAM SPRINGS	MAX MIN	85 58	81	89	88	91 47	91 52	76 41	88	83	85 53	87	87 63	82 65	76 63	70 54	81	81	83	71 53	75 53	71 53	78 44	82 43	82	73 56	71 29	72 36	76 38	73 41	69	58	79.2 49.7
									, ,	7.7	1		33	33	0,0	J-4	'	,,,	70	,,	,,	,,	7.4	45	, ,	20	.,	,,,	, 0	-7 4		-0	- / - /

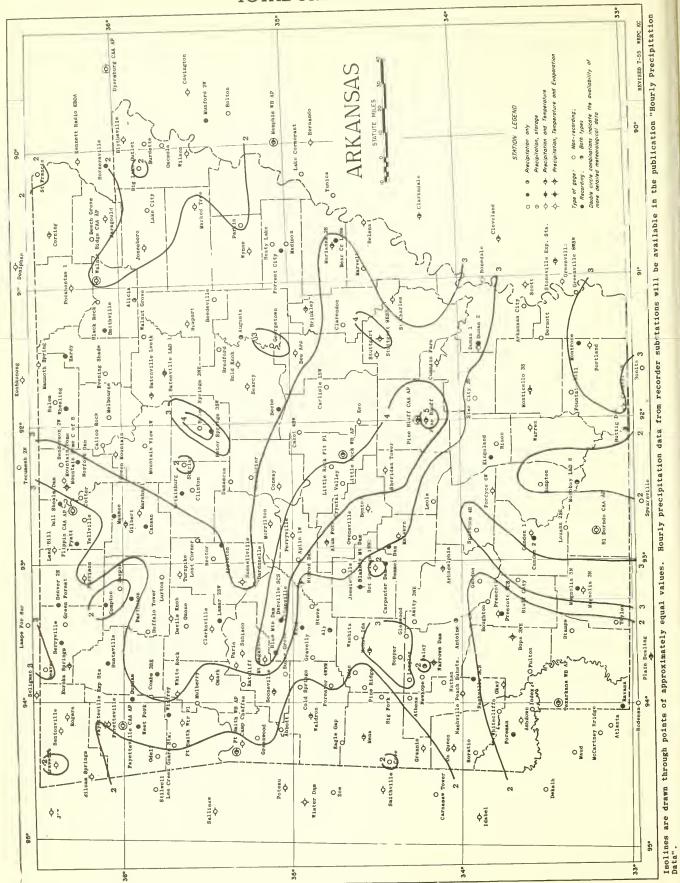
able 5 - Continued	DAILY TEMPERATURES	ARKANSAS OCTÜBER 1956	
	Day Of Month	6 D	

Table 5 - Continued									D	A.	LY	Ί	'EN	1P	ER	ĀΊ	'UI	RES	S														AN5AS
Station																Day	Ot M	onth															e Do
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	1	Aver
STUTTGART	MAX	81 70	79 67	80 62	83 63	85 58	90 57	79 52	80	81 48	79 50	87 50	84 50	83	85 55	82 53	85 55	86 46	85 51	85 56	75 58	69		85 55			73	70 42			78 53		80.6 53.6
STUTTGART 9 ESE	MAX	90 60	80 65	71 59					73 40				84 50		79 51					8 2 5 2		71 58		78 50							75 51		
SUBTACO	MAX	88 65	81 64	89 60	90 63		96 56			88	84 54		90 62	85 60	86 57		87 56			86 58		76 57		84 53				70			73 57		83.5 53.6
TEXARKANA WB AP	MAX	86 68	83 64	86 61		87 58	93 57	80 59	84 47	86 51		87 53	88 64	84 62	87 59		85 60	85 56	86 53			73 56	80 54	84 55		80 54	70 43			8 l 5 7			81.6
TURNPIKE	MAX MIN		76 64	78 63		85 62					75 49		80 60		78 56			79 62					72 53				66 43				63 52		74.9 55.5
WALDRON	MAX	93	79	89	90	91	97	92	90	89	86	91	88	87	84	82	86	87	87	81	75	73	80	85	85	78	71	72	77	83	73	63	83.4
WALNUT RIDGE CAA AP	MAX		76 67			85 55							82 51		83 49		85 51		83 49	84 51		70 58		85 51									79.2 51.1
WARREN	MAX		80 66			89 5 9	93 52		85 40	85 46		90 48	87 49		85 52			87 56				76 53	79 62	85 56			74 45				76 54		82.6 53.1
WHITE ROCK	MAX		75 59		83 64		90 65				75 54				74 59			78 62				66 54		76 59			65 43				64 51		74 • 6 56 • 4
WILSON	MAX MIM		76 68			86 56	89 55				77 51				80 52			85 53		80 57		67		79 60			7 0 5 0				74 52		78.3 53.7
WYNNE	MAX		78 65	80	81 60				80 35	79 42		85 45	80 62	80 54	84	83 50	85 45		84	83 51		70 59	79 60	82 48			72 40	38	42		75 55		
										_				-							_												

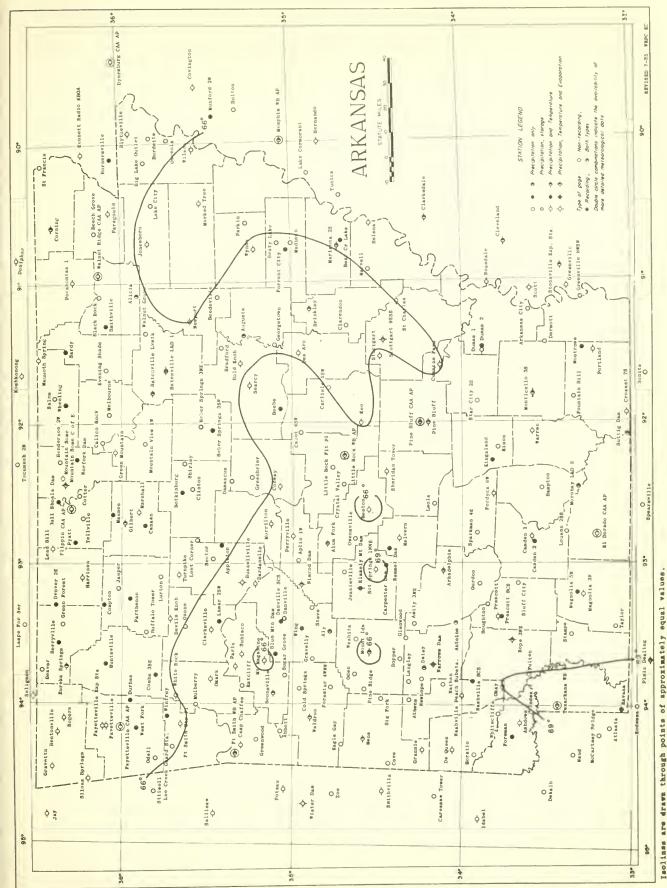
Table 6

EVAPORATION AND WIND

																I	Day o	f moi	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
BLAKELY MOUNTAIN DAM	EVAP WIND	.15		.02	.11	.13	.17	. 27	.14	.15	.13	.11	.12	.09	.20	.12	.07	.16	.15	.13	.07	.03	.07	.11	.12	. 13	.11	.11	0 9 22	.07	.11	.05	
HOPE 3 NE	EVAP		.20			.07		.30	. 26			. 26				18	.17	. 26	.16 17	.21	22	- 25	- 26	.14	.18	.15	. 16 52	.19			.15		
MOUNTAIN HOME C OF ENG	EVAP WIND			.09		.18																									.10		6.46
NARROWS OAM	EVAP w I ND																		.18 52												.14		
NIMROD DAM	EVAP			.03	.10	.16		.24		.17									.12		.16			.07			- 15 46		.10	.09	.09	.07	4.0
RUSSELLVILLE	EVAP W1ND			. 12	.10			. 22		.16				.19		. 12	15	.15	. 14	.18	.11	.06	.10	.10	.22						.05		
STUTTGART 9 ESE	EVAP WIND				.06			. 21	. 16	.10	.15	.15	.11	. 14	. 13	.12	.12	.14	.12			.01					. 12			.11	.11		3.4



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							Obs				7								Obs		OCTOBER 1956
Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp		Observer	Refer to tables		Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp. mit		Refer to tables
Abhott Alicia Alum Fork Aly Amity 3 NE	0064 0130 0136	Scott Lawrence Saline Yeil Clark	7 3	35 04 35 54 34 48 34 47	94 12 91 05 92 52 93 29 93 25	624 256 755 854	5P	7A 5P	James V. Williams Ruby B. Owens L. R. Water Works Reba Y. Swaim Mrs. Alta F. Garner	3 3 C 2 3 5 C 3 C		Magnolia 3 N Magnolia 5 N Malvern Mammoth Spring Marianna 2 S	4550 4562	Columbia Columbia Rot Spring Fulton Lee	1	33 19 33 20 34 23 36 29 34 44	93 13 92 49 91 32	690	6P 5P SS	7A Enr1 E. Graham MID Ark, Pwr & Lgt Co. 5P Malvern Fire Dept. 7A John R. McKee 6P Univ. of Arkansas	.2 3 5 7 C 2 3 5 7 2 3 5 7 C
Antoine Aplin 1 W Appleton Arkadelphia Arkansas City	0188 0196 0220	Pike Perry Pope Clark Desha	1 3	34 02 34 58 35 25 34 07 33 37	93 00 92 53	285 400 522 200 145	6P	7A MID	Drew A. Lamb Hobart Watts John A Jones Hillman E. Lawrence John W Trammell	3 C 3 C 2 3 5 C		Marked Tree Marshall Marvell Maumee Me1bourne	4666 4678 4696	Poinsett Searcy Phillips Searcy Izard	7	35 32 35 54 34 33 36 03 36 04	92 38 90 55 92 39	229 1050 195 749 610	SS	7A William M. Crick 7A Mrs. Minnie Horton 8A Sterlin Wallace MID Helen E. Adoms 7A lvan L. Shrader	2 3 5 7 2 3 5 3 3 C
Ashdown Athens Augusta Bald Knob Batesville Livestock	0300 0326 0350	Little River Noward Woodruff White Independence	7 7 7	35 18	93 58 91 22 91 34	329 960 218 230 571	7P 6P 9A	7A 7A 6P	Southwestern G & E Arra D. Parker David G. Griffiths Univ. of Arkansas Univ. of Arkansas	2 3 5 3 C 2 3 5 2 3 5 C		Mena Monticello 3 S Montrose Morobay Lock & Dam Morrilton	4906 4934	Polk Drew Ashley Calhoun Conway	1	33 19	91 48 91 29	1207 285 125 85 280	5P	7A E. W. St. John SP Arkansas A & M Col. MTA Ark. Pwr & Lgt Co. 7A Corps of Engineers 7A Emma S. Leavell	2 3 5 7 C 2 3 5 7 C C 3 C 2 3 5
Batesville L & D 1 Bear Creek Lake Beaty Lake Beaver 1 SE Beehe	0496 0512 0518	Independence Lee St. Francis Carrol1 White	7 5 7	36 28	90 42 90 43	277 220 400 930 250		MID 5P 7A	James J. Mitchum U.S. Forest Service L. G. Adamson Harvey E. Skelton Lowell E. Perkins	2 3 5 7 C C 3 3		Mount Ida Mount Magazine Mountnin Home Mountain Home C. of E Mountain View 1 E	5010 5036 5038	Montgomery Logan Baxter Baxter Stone	7	34 33 35 10 36 20 36 20 35 52	93 41 92 23 92 23	663 2800 800 800 768	7P	5P William E. Black 7P U.S. Forest Service 7P Charles Shiras 8A Corps of Engineers 7A Nell A. Tapley	2 3 5 7 C 2 3 5 2 3 5 2 3 5 6 C
Beech Grove Beedeville Benton Bentonville Berryville 4 NW	0536 0582 0586	Greene Jackson Saline Benton Carroll	7 6	35 26 34 33 36 22	90 38 91 06 92 37 94 13 93 37	298 221 285 1295 1150	6P	8 A 8 A 7 A	B. B. Bammond P. M. Breckinridge Mrs. Etta C. Burks Earle L. Browne David L. Stidham	3 3 2 3 5 2 3 5 3 C		Mulberry 6 NNE Narrows Dam Nashwille Pench Substa Nashwille SCS Nathan 4 WNW	5110 5112 5114 5158	Franklin Pike Howard Noward Noward	4	35 34 34 10 34 00 33 57 34 07	93 43 93 56 93 51	500 425 550 373 550	7A	7A Henry G. Arvin 8A Corps of Engineers 7A Univ. of Arkansas MID Soil Cons. Service 7A Edna J. Westfull	3 2 3 5 6 C 2 3 5 C
Big Fork Big Lake Outlet Black Rock Blakely Mountain Dam Blue Mountain Dam	0676 0746 0764	Polk Mississippi Lawrence Garland Yell	5 : 7 : 3 :	34 36	93 58 90 08 91 06 93 11 93 39	1100 228 259 426 455	8A	6P 7A 8 A	Anna M. Liles N. W. Douglas Lee W. McKenney Corps of Engineers Corps of Engineers	3 3 3 2 3 5 6 C	1	Newhope 3 E Newport Nimrod Dam Norfork Dam Odell	5186 5200 5228 5354	Pike Jackson Perry Baxter Washington		7 35 36 1 34 57 7 36 15 1 35 48	94 24	850 225 470 425 1500	SS 8A	7A Elsie F. Ward 7A Luther D. Summers J: 8A Corps of Engineers MID Corps of Engineers 7A Mrs. Renzo Hurst	3 5 7 2 3 5 6 C 3
Bluff City Blytheville Booneville Botkinburg Boughton	0806 0830 0842	Nevada Mississippi Logan Van Huren Nevada	5 1	35 56 35 09 35 39	93 09 89 55 93 55 92 30 93 20	360 252 511 1200 235	7P	7A MID	Paul M. Adams 1vy W. Crawford Cleo E. Yandell Thomas M. Pearson 1ris Elmore Wicker	3 2 3 5 7 2 3 5 C 3		Oden 2 W Okay Osceola Owensville Ozark	5376 5480 5498 5508	Montgomery Howard Mississippi Saline Franklin		33 46 35 43 3 34 37	93 48 93 53 89 58 92 49 93 50	800 300 250 500 396		74 5P J. T. Bargis 8A Alwyn A. Cowan 8A Guy Cook 6A Burns Wakefield	3 2 3 5 3 3 2 3 5 7
Bradford Brankley Suffalo Tower Bull Shoals Dam Burdette	0936 1010 1020	White Monroe Newton Baxter Mississippi	7 7 7	34 54 35 52 36 22	91 28 91 10 93 30 92 34 89 57	240 205 - 460 240	5 P	5P 7A MID	Marshall Hickmon Robert D. Schaefer Beulah F. Fowler Corps of Engineers G. A. Hale	2 3 5 7 C 3 C		Ozone Paragould Paris Parkin 2 W Parks	5562 5576 5586	Johnson Green Logan Cross Scott		36 04	93 27 90 29 93 45 90 35 93 57	1900 275 - 222 668	4P SS	7A Maurice & Brandt 4P Radio Station KDRS SS Fred J. Girard 7A Corine D. Gardner 7A Bowar K. Nansard	3 2 3 5 2 3 5 3 3
Cahot 4 SW Calico Rock Camden 1 Camden 2 Camp Chaffee	1132 1152 1154	Pulaski Izard Ounchita Ounchita Sebastian	3 3	36 08 33 36 33 35	92 04 92 08 92 49 92 51 94 18	289 400 116 155 419	7.A	7A 7A M1D	B. M. Walther Austin D. Rarris Leonard B. Dillwort Edith Z. Lehman U. S. Army	3 3 2 3 5 7 2 3 5 C		Parthenon Perryville Pine Bluff Pine Bluff CAA AP Pine Ridge	5694 5754 5756	Newton Perry Jefferson Jefferson Montgomery		35 00 34 12 34 10	93 15 92 49 92 00 91 56 93 54	925 325 215 205 840	5P 7P MID	MID Arthur B. Carlton 7A Francis Finkbeiner 7A Mary T. Scheu MID U.S. Civii Aero Adm 7A J. R. Nuddleston	2 3 5 2 3 5 C 2 3 5 7
Canaan 2 W Carlisle 1 SW Corpenter Dam Clorendon Clarksville	1224 1238 1442	Searcy Lonoke Garland Monroe Johnson	3 7	34 47 34 27 34 41	92 44 91 45 93 01 91 18 93 28	235 172 436		SA MID 7A	Froney Dell Horton John L. Tait Ark. Pwr & Lgt Co. B. F. Northern Dr. Irving F. Beach	3 C 3 2 3 5		Pocahontas 1 Portland Prescott Prescott SCS Pyatt 1 NNW	5866 5908 5910	Randolph Ashley Nevoda Nevada Marion		36 16 33 14 33 48 33 48 36 16	91 30 93 23 93 23	330 122 318 - 800	5P 7A 7A	7A Benedictine Sisters 7A Mrs. Pearl Newton 7A R. P. Ramhy MID Soil Cons. Service MID Ona V. McLean	2 3 5 2 3 5 2 3 5 7 C
Clinton Cold Springs Combs 3 SE Compton 2 NE Conway	1520 1574 1582	Van Buren Scott Madison Newton Paulkner	7 7	34 58 35 48 36 06	92 28 93 54 93 48 93 18 92 28	2166		MID MID	Earl B. Riddick Margaret Zornes Maude C. Brashenrs William L. Binnm Clarence S. Willinm	3 3 C C C		Ratcliff Ravana 1 NE Remmel Dam Rison Rogers	6016 6102 6174	Lognn Miller Hot Spring Cleveland Benton		34 26	93 53 94 02 92 54 92 11 94 07	463 250 - 231 1387		7A Lula M. Weeks MID Bonny L. Allen MID Ark. Pwr & Lgt Co. 8A J. N. Yaney SS Howard Fowler	3 C C C
Corning Cotter Cove Crossett 7 8 Crystol Valley	1666 1730	Clay Baxter Polk Ashley Pulnski	7 4	36 24 36 17 34 26 33 02 34 42	90 35 92 31 94 25 91 56 92 26	293 440 1050 175 350	5P	7 A 7 A 5 P	Mrs. Laura Polk Robert T. Fielding Joe C. Allen U.S. Forest Service Virda Byrd	2 3 5 7 C 3 3 2 3 5 7		Russellville Saint Charles Saint Francis Balem Searcy	6376 6380 6403	Pope Arkansas Clay Fulton White	1	35 18 34 23 36 27 36 23 35 15	93 08 91 08 90 08 91 50 91 44	360 200 300 668 245	8.4	5P U.S. Forest Service 8A Fish & Wildlife Service 7A William S. Buckley 7A Jas. B. Caldwell 7A Adam C. Melton	2 3 5 6 7 v ₁ 2 3 5 3 3 2 3 5 7
Cummins Form Daisy Damascus Danville Danville SCS	1814 1829 1834	Lincoln Pike Faulkner Yell Yell	1 1	34 14 35 22 35 03	91 35 93 45 92 25 93 24 93 24	705 370		7A 7A 7A	Cummins Prison Farm Ferna Jones Tedder William A. Brown J. A. Moudy Soil Conserv. Serv	2 3 5 3 C		Sheridan Tower Shirley 3 SE Siloam Bprings Smithville Sparkman 4 E	6586 6624 6698	Grant Van Buren Benton Lawrence Dallas		36 11	92 21 92 17 94 33 91 18 92 48	290 910 1150 450 260	7 A	6P Ark. Forestry Comm. 7A Maud H. Bradford 7A John Brown Univ. MID A. R. Richardson 7A Mrs. Rachel Butler	2 3 5 3 2 3 5 C
Dardanelle De Queen Dermott Des Arc Devils Knob	1948 1960 1968	Yell Sevier Chicot Prairie Johnson	2 7	34 02 33 31 34 58	93 09 94 21 91 26 91 30 93 24	204	5P	7A 8A 7A	Gretchen Goodier O. Tucker Vasser L. W. Wilson C. J. Rister Earnest C. Campbell	2 3 5 2 3 5 7 3 2 3 5 2 3 5 7		Stamps Star City 2 S Steve Stuttgart Stuttgart 9 ESE	6820 6856 6918	Lafayette Lincoln Yell Arkansas Arkansas		34 29	93 30 91 51 93 19 91 32 91 25	270 392 682 214 198	6P 7 A	7A Hubert Baker 7A Ark. Forestry Comm 7A T. P. Sims 7A George L. Clark 7A Univ. of Arkansas	3 3 3 2 3 5 2 3 5 6 7 C
Dumas 1 Dumas 2 Eagle Gap El Dorado CAA AP Eureka Springs	2150 2204 2300	Desha Desha Scott Union Carroll	1 3	33 53 34 43 33 13	91 30 91 30 94 19 92 48 93 44	252	MID	7A MID	Ben Johnson Ark. Pwr & Lgt Co. Station Innctive U. S. Civil Aero Ad Mahel F. Spray	2 3 5 7 C 3 2 3 5 7 2 3 5 7 C		Subiaco Taylor Texarkana WB Airport Turnpike Waldron	038 048 262	Logan Columbia Miller Pope Scott	4 4 1 1 1	35 18 3 06 3 27 5 40 4 54	93 39 93 27 94 00 93 05 94 06	500 247 361 2087 675	SS ID 6P SP	74 New Suhiaco Abbey 74 Idelia O. Norwood #ID U.S. Weather Bureau 6P U.S. Forest Service 5P William D. Bivens	2 3 5 3 2 3 5 7 C 2 3 5 2 3 5 7 C
Evening Shade Fayetteville Fayetteville CAA AP Fayetteville Exp Sta. Flippin CAA AP	2442 2443 2444	Sharp Washington Washington Washington Marion	1 7 1	36 05 36 00 36 06	91 37 94 10 94 10 94 10 92 36	1.270	7P MID SP	7P MID 5P	Opha Wolfe Charles F. Ford U.S. Civil Aero Adm Univ. of Arkansas U.S. Civil Aero Adm	2 3 5		Walnut Grove Walnut Ridge CAA AP Warren Washita West Fork	7530 7582 7592	Independence Lawrence Bradley Montgomery Washington	e	7 35 51	91 21 90 56 92 04 93 32	250 272 206 610	MID 6P	6P A. N. Fast MID U.S. Civil Aero Adm 6P Charley L. Sharp 7A Nora Lee Mayberry MID Effie D. Little	3
Fordyce 6 W Foreman Forrest City Fort Smith WB Airport Fort Smith Water Plant	2544 2564 2574	Dallas Little River St. Francis Sehastian Crawford	4 5 1	33 49 33 43 35 01 35 20 35 39		280 -400 261 458 793	MID	MID MID	Arkansas For. Comm. Leslie P. Callens Thomas A. Moore U.S. Weather Bureau R. J. Schoeppe	2 3 5 C C C 2 3 5 7 C 2 3 5		Wheeling White Rock Whitecliffs Wilson Wing	7772 7812 7912	Fulton Franklin Sevier Mississippi Yell		7 36 19 1 35 41 1 33 48 2 35 34 1 34 57	91 52 93 57 94 04 90 02 93 28	680 2285 290 237 350	5P 5P	MID Thomas W. Cone 7A U.S. Porest Service 7A L. M. Snead 7A D. O. Anderson MID Miles B. Turner	2 3 5 3 2 3 5 C
Fountain Bill Fulton Georgetown Gilbert Glenwood	2670 2760 2794	Ashley Hempstead White Searcy Pike	4 7 7	33 37 35 07 35 59	91 50 93 48 91 26 92 43 93 33	260 200 595	6P	7 A 7 A	Jethro R. Denson ina J. Logan Bessie E. Akers C. Eli Jordan Myrtle 1. Price	3 3 3 2 3 5 7 C		Hynne Yellville		Cross Marion		35 13 7 36 13	90 46 92 41	260 760	ss	SS Nm. M. Courtney 7A Jess B. Johnson	2 3 5
Grannis Gravelly 2 ESE Grovette Green Forest Green Mountain	2922 2930 2946	Polk Yell Benton Carroll Stone	7	36 24	94 20 93 39 94 28 93 26 92 12	1350	88	7 A SS 7 A	George T. McVay Willie Pendergrass Elson B. Schmidt Obed B. Wilson CLOSED	2 3 5 3 2 3 5 7 3 10/31/56											
Greenbrier Greenwood Gurdon 3 E Bampton Bardy	2976 3074 3098	Faulkner Sebastian Clark Calboun Sharp	1 3 3	35 13 33 54 33 32	92 23 94 15 93 06 92 28 91 29	202		7A 7A 8A	Thomas E. Cantrell Dorothy M. Been Boy S. Robbs Soil Cons. Service Theresa Donaldson	3 3 3											
Barrison Beber Springs 3 NE Beber Springs 3 SW Rector Helena	3228	Boone Cleburne Cleburne Pope Phillips	7 7 1	35 32 35 28 35 28	93 07 92 01 92 03 92 58 90 35	525 - 555		7A MID	Bea Gray Beene Lester B. Logan Wayne Stark Irene B. Timko Charley M. Friddell	2 3 5 3 2 3 5											
Benderson 2 W Hope 3 NE Hopper Boratio Rot Springs 1 NNE	3428 3438 3442	Baxter Rempstend Montgomery Sevier Garland	3 4	33 43 34 22 33 56	92 16 93 33 93 41 94 22 93 03	375 700 331	8A	7 A 7 A 6 A	Lucy A. Bentzien Cecil M. Bittle Lona A. Shields Elizabeth W. Frida; Nati Park Service	2 3 5 6 C 3 3 5 7											
Buntsville Huttig Dam Index Jasper Jessieville	3556 3584 3600	Madison Union Little River Newton Garland	3 4 7	36 01	92 05 94 03	300 851	7	8A 8 A 7 A	May Pearl Markley Corps of Engineers W. E. McDowell Lottie B. Davis Lura B. Sykes	3 3 3 3				1							
Jonesboro Keo Kingsland 3 SSE Lake City Lamar 2 SW	3862 3904 3998	Craighead Lonoke Cleveland Craighead Johnson	3 5	34 36 33 50 35 49	90 42 92 00 92 16 90 26 93 25	230 21- 230	714	7P MID 7A	Benedictine Sisters R. A. Waller Claude W. Nunter Tressa St. Clair Peach Exp. Station	2 3 5 7 2 3 5											
Langley Lead Hill Lee Creek Guard Sta. Leola #Little Rock WB Airport	4106 4116 413	Pike Boone Crawford Grant Pulaski	3 7 1 3	34 19 36 24 35 42 34 10	93 51 92 54 94 19 92 35 92 14	710 1000 26	7 NID	7 A 7 P 7 A 7 A	Mabel F Porrester F. W. Kellogg U.S. Forest Bervice J. R. Rhodes U.S. Weather Bureau	3	C										
Little Rock Filt, Pl. Lost Corner Loumnn 2 SE Lurton Madison	425 432 433 438	Pulaski 4 Pope 2 Union 5 Newton 8 St. Francis	1 7 3 7	34 46 35 34 33 22	92 19 92 50 92 46 93 05	51 155 13 200	2	7 A 6 P 8 A	L. R. Water Works Catherine Russell Flora A. Bamilton Lola I. Dollar Loren R. Jones	3 3 3 3 3											
DRAINAGE CODE - 1.				oi 3.	Ounchi	ta 4.	Red	5.	Saint Francis 6. S	aline 7. Whi	te		1		1.						

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climstologist at Weatbsr Bureau Airport Statian, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office,

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfell and heating degree days for the precediag 12 months will be carried in the June issue of this bulletin.

Stations sppearing in the Index, but for which data are not listed in the tables, are either missing or received too lste to be included ia this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Tempersture in °F, precipitation and evaporation in laches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter ualess otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

Water equivalent samples published in Table 7 are necessarily taken from different points for successive observations; consequently occassionsl drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Dsta in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in local standard time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For thess stations snow on ground values are at 0630 CST,

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no eatry. Consult the annual issue of this publication for interpolated monthly totals.
 And also on a later date or dates.
 Amount included in following measurement, time distribution unknown.
 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 Dats based on observational day ending before noon.

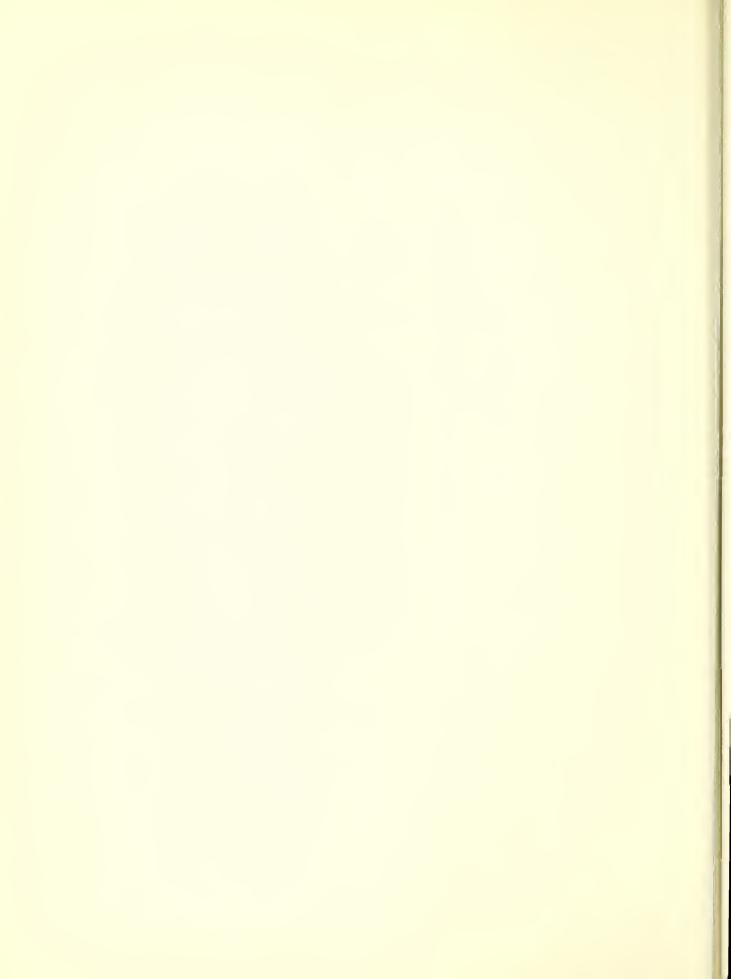
 Advised to a full month

- Data based on observational day ending before noon.
 Adjusted to a full month.
 In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Bourly Precipitation Data".
 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. One to nine days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been sdjusted to represent the value for a full month.
 Amounts from recording gage. (These amounts are essentially securate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
 Trace, an amount too small to measure.
 Includes total for previous month.
 This entry in time of observation column in Station Index means observation made near sunset. R

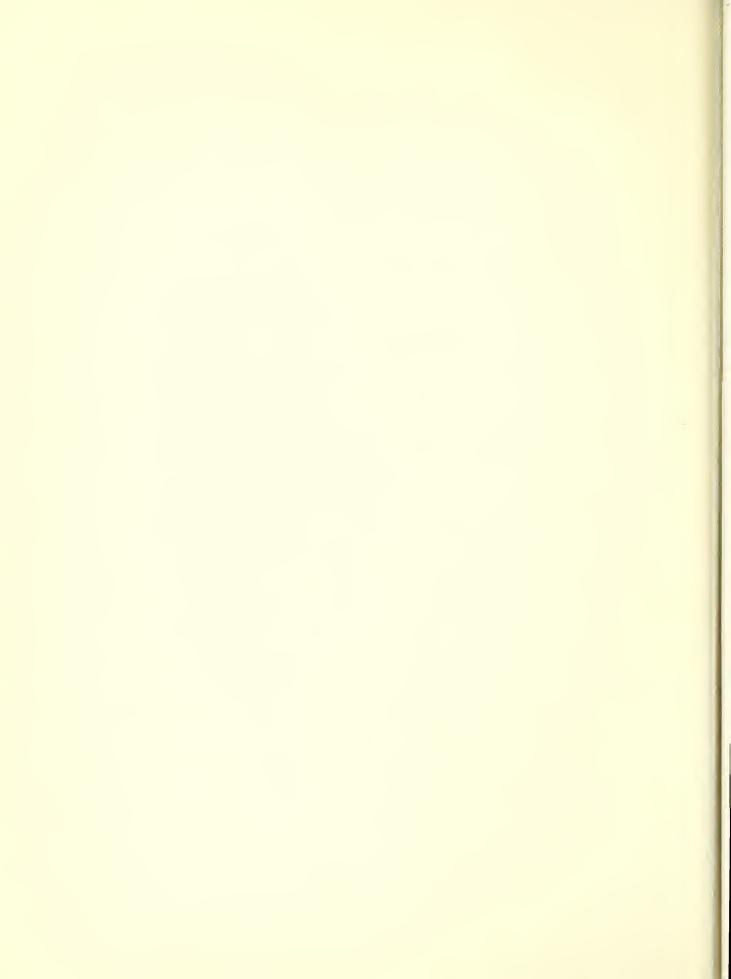
Subscription Price: 20 cents per copy, monthly snd annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents. Government Printing Office. Washington 25, D. C.

Information concerning the bistory of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Buresu stations may be found in the latest issues of Local Climatological Data Anausl, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 12-7-56 -- 1000







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CLIMATOLOGICAL DATA

ARKANSAS

NOVEMBER 1956 Volume LXI No. 11



ARKANSAS - NOVEMBER 1956

WEATHER SUMMARY

Temperatures averaged slightly below seasonal over most of the State. Generous rains during three brief rainy periods replenished wells, stock ponds, and soil moisture supplies.

Temperatures were near seasonal at the beginning of November. They remained near seasonal over central and northwestern sections until the 7th but rose over the southern and eastern counties to the upper 70's and lower 80's on the 3d and 4th when most stations in the south and east registered their highest maximum temperatures for the month. Cold polar air covered the State from the 8th to 10th. Early morning temperatures on the 8th and 9th were near or slightly below freezing and afternoon maximums were mostly in the 50's. Temperatures rose on the 10th and a mild spell lasted from the 11th to 14th. The 11th and 14th were especially warm and afternoon temperatures were generally in the upper 70's and lower 80's on those days. The highest temperature for the month, 85 degrees, occurred at Fordyce 6 W on the 3d and at Harrison and Lead Hill on the 11th. A cold front crossed the State early on the 15th dropping the temperatures to below seasonal. The only mild day during the last half of the month was the 20th when afternoon temperatures reached the middle 70's. The afternoon temperatures on most other days were in the 50's. The last few days of the month were especially cool and most stations registered their lowest temperatures for the month on the 29th. Monthly minimum temperatures ranged from 10 degrees at Mount Magazine on the 29th to 26 degrees at Texarkana on the 27th and 29th. Monthly mean temperatures ranged from 44.0 degrees at Mount Magazine to 54.0 degrees at Crossett 7 S. Monthly mean temperatures were colder than the long-term means at all except a few scattered stations. Temperature departures ranged from +1.4 degrees at Marked Tree to -4.9 degrees at Prescott.

Heavy thundershowers accounted for most of the rainfall during November. The most generous amounts fell on the 2d, 3d, 15th, 19th, and 20th. Precipitation of little importance fell on a few other dates. Snow flurries fell over the northern third of the State on the 26th. Flurries also occurred at a few scattered northern stations on the 27th. Precipitation totals ranged from 2.10 inches at Marshall to 8.91 inches at Louann 2 SE. Rainfall over most counties was between three and five inches. A few large scattered areas received less than three inches, and three areas, in the general vicinities of Black Rock, Sheridan Tower, and Louann received more than six inches. Monthly totals were near the long-term means at most stations. Few stations received less than 60% of the long-term means and few exceeded their long-term means by more than 20%. Snowfall amounts were of no importance.

Heavy rains during the first few days of November stopped the cotton picking and combining rice and soybeans but put the land in good shape for seeding winter grains, bringing up earlier seeded grains, and replenishing wells and stock ponds. The rains improved the pastures. Dry weather later in the month was ideal for field work. The harvest of most crops was completed. Some remnant cotton still was in the fields at the end of November. Winter truck crops progressed and spinach and other winter greens were being harvested by the latter part of the month. The seeding of winter grains neared completion and the earlier planted oats provided some grazing. The cold weather late in the month retarded the growth of clover and rye grass. Farm activities at the end of November centered around clearing and breaking land, butchering, cutting wood, and hunting.

Lucius W. Dye Climatologist Weather Records Processing Center Kansas City, Missouri

	Wind	direction		Wind m.	speed p. h		Relati	ve hum	idity ave	rages		Numl	per of d	ays with	precip	itation			
Station	Prevailing	Percent of the from prevailing	Average	Fastest wile	Direction of fastest mile	Date of fastest mile	12:30A CST	6+30A CST	12: 30P CST	6130P CST	Trace	01-09	10-49	80-98	1.00-1.99	2 00 and over	Total	Percent of possible sunshine	Average aky cover
FORT SMITH W8 AIRPORT	W	15	8.7	31	Sw	20	77	82	52	63	3	0	1	4			9	64	3
LITTLE ROCK W8 AIRPORT	WNW	13	9.2	33	N	26	73	81	50	57	3	2	1	2		1	1	7	3.
TEXARKANA W8 AIRPORT	-	-	-	-	-	-	-	80	-	-	2	1	3	(1)		1	8	-	

CLIMATOLOGICAL DATA

TABLE 2

					Ten	pera	ture									P	recip	itation					
											No.	ol Da	ys		÷ n	<u>*</u>		Snow	, Sle	e t			Days
Station		Аverage Махіфиш	Average Minimum	Ачетаде	Departure from Long- Term Mean	Highest	Date	Lowest		Degree Days	Above 01	B 0 B	n. Ospon	Total	Departure from Long- Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	.50 or More	1.00 or More
HIGHLANO DIVISION																							
ALUM FORK ASHOOWN BENTON VILLE BLAKELY MOUNTAIN OAM BOONEVILLE CAMP CHAFFEE CLARKSVILLE CONWAY OAROANELLE DE QUEEN OEVILS KNOB EUREKA SPRINGS FAYETTEVILLE FAYETITEVILLE EXP STA FLIPPIN CAA AP FORT SMITH WB AP FT SMITH WB AP FT SMITH WATER PLANT GILBERT GRANNIS GRAVETTE HARRISON HOPE 3 NE HOT SPRINGS 1 NNE LEAO HILL LITTLE ROCK WB AP MALWERN MAMMOTH SPRING MARSHALL MENA MORRILTON MOUNT IDA MOUNT IDA MOUNT IN HOME MOUNTAIN HOME MOUNTAIN HOME OUNTAIN OUNTAI	AM R // AM R //	63.9 65.8 63.9 56.6 63.5 63.3 61.4 64.0 62.9 65.7 65.7 8.3 57.4 65.7 8.3 57.4 60.7 61.6 64.3 64.9 64.3 64.9 64.3 64.3 64.3 64.1 64.1 64.1 64.1 64.1 64.1 64.1 64.1	37.9 36.9 34.7 32.4 35.4 35.4 36.7 36.1 36.7 36.1 36.7 36.1 36.7 33.0 35.4 36.7 33.0 37.1 33.0 37.1 37.1 37.1 37.1 37.1 37.1 37.1 37.1	50.43 449.57 448.65 449.67 448.65 50.48 50.48 50.48 45.89 447.87 444.86 444.86 445.89 447.87 446.27 446.27 446.27 447.89 447.89 447.89 447.89 447.89 447.89 448.86 449.89 449	- 0 · 6 - 1 · 0 - 3 · 5 - 1 · 4 - 1 · 9 - 1 · 7 - 2 · 8 - 3 · 5 - 2 · 3 - 1 · 2 - 2 · 6 - 2 · 3 - 1 · 5 - 1 · 3 - 0 · 9 - 0 · 6 - 2 · 6 - 0 · 1 - 0 · 1 - 0 · 0 - 0 · 0 - 0 · 0 - 2 · 0 - 0	79 78 78 81 80 80 3 75 6 74 84 84 84 85 85 85 85 85 85 85 85 85 85 85 85 85	11 4+ 11 12+ 11 11 11 11 11 11 11 11 11 11 11 11 11	22 2 2 19 2 2 19 2 2 1 19 30 2 1 18 30 2 1 18 30 2 1 18 30 2 1 18 30 2 1 18 30 2 1 18 30 2 1 18 30 2 1 18 30 2 1 18 30 2 1 18 30 2 1 18	4 4 4 5 5 5 5 6 5 5 6 5 5 4 5 4 4 4 5 5 4 4 5 5 4 4 5 5 5 4 5 5 6 5 6 6 5 6 6 5 6 6 5 6	18 110 707 707 707 707 707 707 707 707 707		15	000000000000000000000000000000000000000	3.35 3.81 4.89 5.23 3.40 2.90 5.13 3.40 2.90 5.13 3.40 2.90 5.13 3.40 2.90 5.13 3.40 2.90 5.13 3.40 2.90 5.13 3.40 2.90 5.13 3.40 2.90 5.13 3.40 2.90 5.13 3.40 2.90 5.13 3.40 2.90 5.13 4.13 5.13 4.13 5.13 5.13 5.13 5.13 5.13 5.13 5.13 5	- 1.92 1.95 - 0.62 - 0.06 - 1.20 0.41 0.73 1.51 - 0.40 - 1.43 0.02 - 1.47 - 0.70 - 0.28 1.20 - 1.24 - 1.49 - 0.89 - 0.71 0.60 - 1.59 0.14 - 0.48 1.78 - 0.81 - 0.46 - 1.35 2.53	1.15 1.40 2.25 2.17 1.58 1.38 2.50 0.98 1.28 1.02 1.16 1.42 1.20 1.31 2.01 1.51 2.01 1.51 2.01 1.51 2.01 1.51 1.51 1.51 1.51 1.51 1.51 1.51 1	20 20 33 4 4 20 30 20 20 20 20 20 20 20 20 20 20 20 20 20				7666665756854664565635547356436575556655766556	4 3 3 3 2 3 5 3 4 4 4 2 5 2 1 3 3 2 2 3 2 2 4 4 2 2 3 3 3 3 3 3 4 2 3 2 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DELTA DIVISION																							
ARKADELPHIA BALO KNOB BATESVILLE LIVESTOCK BATESVILLE L AND O NO 1 BLYTHEVILLE BRINKLEY CAMDEN 1 CORNING CROSSETT 7 S CUMMINS FARM DES ARC DUMAS 1 EL OORAOO CAA AP FORDYCE 6 W HELENA	ДМ - ДМ	64.2 62.3 62.3 63.5 64.1 65.5 62.0 68.2 64.8 65.4 65.4 65.4 64.5 65.7 64.6	38.8 35.7 28.2 35.4 38.0 35.1 36.6 37.8 36.8 39.4 38.1 39.4	51.5 49.3 45.3 49.5 50.6 49.6 51.1 49.1 54.0 349.6 52.4 51.3 752.6	- 1.7 0.2 - 2.3 - 2.3 0.5 0.5 0.2 - 1.1 - 3.8 - 0.7 - 0.1	82 77 80 79 80 79 79 81 79 81 80 85 80	11 11 12 11 3 3 5 2+ 14 4+ 3+ 20 3	21 2 18 3 12 2 18 3 19 2 18 3 22 2 18 2 19 3 22 3 22 3 22 3 22 3 23 3 20 2 23 2 23	9 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	99 70 84 61 39 60 44 73 49 06 68 85 12 71 81		0 10 0 14 0 20 0 14 0 12 0 14 0 11 0 12 0 15 0 11 0 13 0 10		3 · 55 3 · 38 3 · 72 3 · 71 3 · 4 · 66 6 · 96 4 · 4 · 4 3 4 · 50 3 · 53 6 · 05 5 2 · 55	- 0.30 0.26 0.53 0.70 2.55 - 0.23 0.56 - 0.70 1.27 0.14 - 1.99	1.70 1.26 1.31 1.66 1.54 1.48 3.30 1.40 2.60 1.35 1.59 1.30 1.40	3 20 3 21 3 20 19 15 3 19	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0			4 5 5 5 6 6 5 5 6 6 7 5 3 5	3 3 2 3 5 4 2 3 5 3 3 5 3	1 2 2 2 2 3 1 1 1 2 2 2 2 3 1 1 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

TABLE 2 - CONTINUED

				Ten	pera	ture									P	recipi	tation					
									υn	No.	of Days	3			^		Snow	, Slee	et	No.	of E	ays
Station	Average Maximum	Average Minimum	Average	Departure from Long- Term Mean	Highest	Date	Lowest	Date	Degree Days	Above xeW	Below 32° or Below	\dashv	Total	Departure from Long- Term Mean	Greatest Day	Date	Total	Max. Depth on Ground	Date	,10 or More	.50 or More	1.00 or More
JONESBORO LEO AAGNOLIA 3 N AARIANNA 2 S AARKED TREE MONTICELLO 3 S LEWPORT PARAGOULD PINE 8LUFF PINE 8LUFF PORTLAND POCAHONTAS 1 PORTLAND AM PRESCOTT AM SEARCY STUTIGART STUTIGART STUTIGART STUTIGART STUTIGART AM AARREN VILSON WINSON	63 · 1 63 · 1 64 · 7 62 · 5 67 · 8M 61 · 6 63 · 5 63 · 4 65 · 2 64 · 8 64 · 7 61 · 2 64 · 7 61 · 2 64 · 7 65 · 3 65 · 3 6	39.7 36.64 38.5 38.0 38.0 36.0 40.9 38.1 35.4 38.3 33.2 38.4 37.6 36.1 39.6 36.1 39.7 7.7 M	51 • 4 50 • 2 M 51 • 6 50 • 3 53 • 5M 48 • 8 52 • 2 49 • 1M 51 • 2 52 • 2 48 • 5 52 • 3M 51 • 4 51 • 4 51 • 4 51 • 4 51 • 6 52 • 8 49 • 1M 51 • 2 52 • 2 48 • 5 52 • 3M 51 • 6 51 • 6 51 • 6 52 • 8 53 • 5M	- 0.5 - 1.7 - 0.3 1.4 - 1.1 - 0.9 - 2.4 - 4.9 0.3 - 0.2 - 2.2 - 1.6 0.9 - 0.9 - 0.8		4+ 14 3+ 3+ 3+ 4+ 14 4+ 4+ 5+ 3+ 11 14 14 14 3	21 2 20 2 25 2 23 3 19 3	10 17 10 14+ 14+ 10 10 10 10 10 10 10 10 10 10 10 10 10	406 442 366 404 364 483 431 475 401 477 427 415 393 493 493 493 494 444	00000 000000000000000000000000000000000	0 10 12 0 13 0 12 11 0 13 0 14 0 15 0 12 0 11 0 0 13 0 14 0 15 0 12 0 12 0 12 0 12 0 12 0 12 0 12	000000000000000000000000000000000000000	2.75 5.44 7.13 2.96 3.82 3.51 3.36 6.38 4.86 3.50 2.65 2.65 2.83 3.44 9.37 3.33 4.49 4.64 3.52	- 0.61 2.50 - 0.41 - 0.26 0.05 2.20 - 0.09 - 0.65 - 1.06 0.19 - 0.37 - 1.21 0.48 - 0.35 - 0.28	0 · 60 2 · 00 3 · 01 1 · 42 1 · 38 1 · 41 1 · 25 3 · 03 1 · 31 1 · 23 2 · 00 0 · 88 1 · 60 1 · 34 1 · 02 1 · 39 1 · 28 1 · 10 5	3 3 15 21 19 20 3 20 20 3 20 20 3 20 20 19 16	T 0.00 0.00 T T 0.00 0.00 0.00 T T 0.00 T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		7 5 6 7 5 7 7 7 7 3 4 6 6 6 6 6 6 4 7 4 4 4 4 4 4 4 4 4 4 4	3 4 4 1 3 3 3 4 5 2 2 2 2 3 3 3 3 4 3 4	0 2 2 1 1 1 1 2 2 2 1 2 2 2 1 1 2 2 2 2

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Table 3			_																										N st	MHER	100
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	of m		16	17 18	3 1	9 20	21	22	23	24	25	26	27	28	29	30	31
ABBOTT ALICIA ALUM FORK	3.92 4.28 3.35		-	-48 1-21	1.75	.10 T	.53		0	3	10	11	12	13	14	· 27 · 43 · 55	+13	17 10	٠	1.06	.86	22	23	44	23			, 20			
ALY AMITY 3 NE	2.91			.86	•22	Ť	.32		T +04							.15	•15 •51			1.73	44										:
ANTOINE APLIN 1 W ARKAGELPHIA ARKANSAS CITY ASHDOWN	2.77 2.87 3.55 4.20 3.61			.90 1.16 1.70 .39 .62	1 1 0 0	+12	.33 .22 .38 .80									.12	• 44		. 4	1 • 2 · 4 · 5 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6	•60										:
ATHENS AUGUSTA BALD KNOB BATESVILLE LIVESTOCK BATESVILLE L AND O NO 1	4.70 3.89 3.38 3.72 3.71			1.43 1.26 1.26 1.13	1.00	*10 T	.24 .23 .30	•05	+04	Ť						.0% .51 .80 .16	.43		- :	1.16 1.06 1.31 1.17	.35					T T					:
BEATY LAKE BEAVER 1 SE BEECH GROVE BEEDEVILLE BENTON	4.39 3.90 2.44 3.47 4.69			1.23 .37 .32 1.61	.75	•07	.24 T .24	+06		T						1.00 .51 .27			•	1.46 1.00 1.00	5 .57 3 .72 3 .43					•02	т				:
BERTONVILLE BERRYVILLE 4 NW BIG FORK BIG LAKE OUTLET BLACK ROCK	5.23 4.30 3.45 6.21	-		.47 - 1.03 .07	.79	• 2 l -	.02 .09	-	-	-	-	-	-	-		• 71 • 40 • 63	-		-	08 .9	7 .86 -1 .24 5 1.35	-	-	-	-	- 1	-	-	-		:
BLAKELY MOUNTAIN DAM BLUFF CITY BLYTHEVILLE BOONEVILLE	3.82 4.58 3.89 4.61			1.49 1.58 3.45 .01 .62	+02 T	.24	.91 .44 .21 .02		•02							• 33 • 39 • • 7	.42		ì	.7: 1.0:	8 1.54 9 1.19					1					:
BOUGHTON BRADFORO BRINKLEY BUFFALO TOWER BURDETTE	3.73	+03	T		•01 1•20		.42 .61 .50 .10	.14	.02 T							.55 .70 .30	+21 +64		1.0	1.1	3 .53 0 1.12 4 1.44					Ť	T				:
CABOT 4 SW CALICO ROCK CAMOEN 1 CAMP CMAFFEE CARLISTE 1 SW	2.17 6.96 4.89 3.35	Т		.36 3.30 .21	+03	.10	.10 .27 1.25		*05 T	Т						.57	. 55		•	2 . 4	.55 5 .29 2 1.09					Ť	Т				
CLARENOON CLARKSVILLE CLINTON COLO SPRINGS CONWAY	2.88 3.13 4.57 3.40			.34 .95 .60 l.12	.63 .06 1.35	•07	.28 .02 .03 .10		.06 .12 .03							.45	.36			50 .6	5 7 .36 5 .85 0 .21				Т						•
CORNING COTTER COVE CROSSETT 7 S CRYSTAL VALLEY	3.26 - 3.75 4.77 5.15	-	•09	2.56 .11 2.10	-	- •11 •02	.45 - .01 .07	.48	-	-	-	-	- 1		-	.53	- 22		2.	- 60 .6	0 •42 - 3 •14 5 •02	-	-	-	-	-	-	-	-		
CUMMINS FARM OALSY DAMASCUS DANVILLE DARDANELLE	3.65 3.65 2.69 3.42			.56 1.47 1.05 .90 .78	.25 .08	•05	.61 .35 .12 .04									1 + 35	.05 .58 .40		1.	1.3	0 •13 0 •70 5 •25 8 •33				Т						
OE OUEEN OERMOIT DES ARC DEVILS KNOB DUMAS 1 EL DORAGO CAA AP	2.90 4.80 4.50 5.13 3.53		.64	1.04 1.59 .82	T . 75		.20 .91 .09 .13		T • 0 3							•31 •36 •62 •67	.30		1.	2 • 0	1 .16 2 .64 2 1.28 0 .40					т					
EUREKA SPRINGS EVENING SHADE FAYETTEVILLE FAYETTEVILLE CAA AP	3.64 2.67 3.74 3.87	T	.62	.31 .80 .01	1.02 .96 .70	• 0 8	.43			T					T T T	.58 .47 .35 .78			T .	.9 1.1 01 1.1 18 1.4	1 .69 1 .41 6				7	T T	Ţ		T		
FAYETTEVILLE EXP STA FLIPPIN CAA AP FOROYCE 6 W FORT SMITH WB AP FT SMITH WATER PLANT	4.45	Ť		.26 1.81		•10 •38	.22		T T						-08 T	.94 .58 1.00 .55 .42				01 1.2 03 1.3 67 .0 83 .8 12 1.4	3 4 • 0 3				7	1					
FOUNTAIN HILL FULTON GEORGETOWN GILBERT GLENWOOO	3.62 4.70 2.49			1.50 1.53 .45 1.38	.08		•32 •11 •14 •24		-	•	-	-				.29 .27 .03	•70 •32			1 • 4 1 • 5 • 4 1 • 5	1 •58 3 •47 6 •20	•55			T	•02					
GRAVELLY 2 ESE GRAVETTE GREEN FOREST GREENBRIER	3 · 26 2 · 28 3 · 99 3 · 46 2 · 18			.86 7 .36	.95		•03								• 0 3	T .63 .66	• 12 • 35		٠	.6 03 1.5 .5 .6	3 •16 8 4 •83 5 •15				*			Ť			
GREENWOOD GUROON 3 E HAMPTON HARRISON HEBER SPRINGS 3 NE	4.01 5.93 2.75 3.11		.20	1.87 2.28 .30 1.25	•19 •02	•21	.73		.29							.44 .19 .70	-16			1 · 2 2 · 0 1 · 2 1 · 0	7 5 • 31					T					
HECTOR HELENA HENDERSON 2 W HOPE 3 NE HOPPER	2.55 3.36 3.08 4.51			.84 .07 .24 1.30 1.78	•04 •02	.32	.39			T						.79 .18 .68 .30	.03			1 • 0 • 6 1 • 0	3 .21 0 1.13 1 .03						T				
HORATIO HOT SPRINGS 1 NNE HUTTIG DAM INOEX JASPER	3 • 20 3 • 62 5 • 05 4 • 55 2 • 67			1.09 1.10 2.60 .43	.30	•06	.12 .06 .35	+04	.01	T						.69 .27 T	.15			93 • 3 3• 4 1• 3 • 6	0 •11										
JESSIEVILLE JONESBORO KEO LAKE CITY LANGLEY	2.75 5.44 2.81 3.85			.50 2.00 .32 1.30	.05 .19	T	+40	Ť	.08							T			1.	.03 .3	0 .60					7	٠				
LEAD HILL LEE CREEK GUARD STA LEOLA LITTLE ROCK WB AP LITTLE ROCK FILTER PL	3 · 10 3 · 81 5 · 75 / 5 · 12 5 · 24		2.00	1.66 3.40 .64	-11	T +0 6	.26 .01		.05						T •07	.98 .54 .70 .82 1.22	• 2 2			+6 +9 39 +2 34 +3	0 +90				7						
LOST CORNER LOUANN 2 SE LURTON MAOISON MAGNOLIA 3 N	8.91 3.21 4.13 7.13	-	-	2.55	.10	-	-17 -15 -66		-	۰	-			•	-	. 84	.27 .71		2.	00 1.6 .fi 1.2 2.3	9 1.26 0 .43 0 .25					T					
MALVERN MAMMOTH SPRING	2 - 16	·	. 33	1.11		• 0 9			•02							.03	.41			.68 .6	9 .61										
MARIANNA 2 S MARKED TREE MARSHALL MARVELL	2.96	5		.44 .11 .66	. 26	-	.15		-06			_	-		-	1 42	. 85			1.0	12 1.36	-		-	-	T -	T -				:

New reference notes following Station Inde

DAILY PRECIPITATION

Table 3-Continued

ARKANSAS NOVEMBER 1956

IRLAGE ASHDOM BILD E BATESV PATESY BENTO BENTON

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Table 3—Continued	lal	_				-				-				Da	y of m	onth																_
Station	Toto	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MELBOURNE MENA MONTICELLO 3 S MOROBAY L ANO 0 NO 8 MORRILTON	2.78 4.91 3.51 7.19 2.98	.01	T . 65	.53 .65 .31 2.41	2.45	*13 *07	.38 .08 .21 .42	,							•05	T T .86	.19 .43 .32			T 1 • 41	1.30 1.06 3.64 .74	•52 •34 •11 •58										
MOUNT 10A MOUNT MAGAZINE MOUNTAIN HOME MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 É	3.44 3.10 3.77 4.19 2.33	۰02		1 • 30 • 30 • 42 • 38 • 45	.90	.04 .15 T	.10 .68 .81									.17 .67 .01	.64 .38				.85 1.10 1.64 .70 1.20	•50 •65 •36 1•54				•01						
MULBERRY 6 NNE NARROWS OAM NASHVILLE PEACH SUBSTA NATHAN 4 WNW NEWHOPE 3 E	4.67 4.22 5.31 3.83 3.68		. 96	1.71	1.40	.11 .02 .08 .09	.25 .12 .05								т	•51 •08 •12	.26 .02 .20			.75		*11 *11										
NEWPORT NIMROO OAM ODELL OOEN 2 W OKAY	2.39 3.83 2.93 2.77	- 03	. 82	1.00 .42 .60 1.05	1.80	- •14 •10	- •15 •01	-	-	-	-	-	-	-	-	- •90 •03	.28	-	-	• 73	•55 •53 •86 •05	.37	-	-	-	-	-	-	-	-	-	
OSCEOLA OWENSVILLE OZARK OZONE PARAGOULO	3.25 4.15 3.22 4.86 3.36				1.31		.34 .65 .04									.45 .26 .11 .17				.07	.49 1.10 .36 1.38 1.25	.65					Ť					
PARIS PARKIN 2 W PARKS PERRYVILLE PINE BLUFF	4.03 3.34 3.46 3.12 6.38			.32 .57 1.31 .41 3.03	.04	•05	.03 .12 T	.05	•02							.48 .18 .28 .51	.48				1.05 1.06 .60 .31 1.28	.46 .93 .59										
PINE BLUFF CAA AP PINE RIOGE POCAHONTAS 1 PORTLANO PRESCOTT	4.86 3.79 3.48 3.50 2.65		1.31	.95 1.10 .97 1.35	.91 .14	•18 •06	.12 .07 .22 .10		•02						T •02	•61 •25 •17 .05	. 31			1.12	.51 .83 1.23 2.00 .88	.04 .31 .39					•05					
RATCLIFF RISON ROGERS RUSSELLVILLE SAINT CHARLES	2.54 5.25 4.81 2.96 2.83	.02	• 63 • 30	.52 2.37 .48	.76	.20 .06 .05	.49 .10 .31		•03							. 39 . 44 . 73 . 75	.36		•25	1 •11 •21	.44 1.02 2.51 .86	.48 .19 .14										
SAINT FRANCIS SALEM SEARCY SHERIOAN TOWER SHIRLEY 3 SE	2.18 2.50 4.49 6.53 2.67		٠	.04 .40 1.53 3.74		.20	.23 .39 .38 .04		.03	• 0 4						. 20 . 50 . 99	•21 •29 •05			. 86	1.60	1.08 .16 .22					T					
SILOAM SPRINGS SPARKMAN 4 E STAMPS STAR CITY 2 S STEVE	4.82 5.10 5.04 5.40 2.69	т.		1.40 3.09 1.90	т	.22 1.20	.35	.53								1 • 17 • 30 • 13 • 41	•12			.49	1.18 .49 1.35	.79 1.22 .58	•42									
STUTTGART STUTTGART 9 ESE SUBIACO TAYLOR TEXARKANA W8 AP R//	3.72 3.33 3.23 7.80 3.87			1.34 1.02 .35 4.24	.70	•04	•17 •35 •03 •64		.07 .04						. 22	.50 .62 .48 .40	.38 .36			.04	1.96											
TURNPIKE WALORON WALNUT GROVE WALNUT RIOGE CAA AP WARREN	2.74 6.08 4.49 3.49		. 45 . 35 T		2.70	T T • 0 1	.55		÷37						Ť	• 20 • 80 • 45 • 42 • 87				T • 0 3	1.10	1.34 .77 .03				T	Ť					
WASHITA WHITE ROCK WHITECLIFFS WILSON WYNNE	3 • 15 4 • 98 3 • 87 3 • 18 3 • 52		1 • 1 °	1.20 .60 .80	.10 1.50 1.35	*11 *22 *25	•08		T •09						Т	. 75 . 55 . 20				T T	1.23	1.21										
YELLV ILLE	2 • 42			.33	•09		. 10									• 10	.67				.55	• 58					T					

ARKANSA J NOVEMBER 1956

Table 5										2 2.1									_												NOVEMBE	ER 1956
Station																Day	O1 M	onth						_ ,	_							erage
	1	1	2	3	4	5	6	7	8	9	10	11	12		14	15	16	17	18	19	20	21	22	23	24	25	_	27		29	30 31	*
ALUM FORK	MAX	71 42	67	54	75 56	73 59	69	72	40	59	70	78 36	75	73	75 57	73 51	31	26		37	71	70	31	30	58	58 35	33	22	55 34	22	58	63.9
ARKAOELPHIA	MIN	72	67	55	57	59	52	73	43	26	39	39	41	70 38	60	63	31	24	26	58	78	38	33	27	5 7 30	61 37	52 37	21	57	51 26	56 21	64 • 2 38 • 8
ASHDOWN	MAX	73 38	48	52	72 60	74 58	52	73	65	24	73 28	76 35	76 37	78 40	79 63	7.6 5.4	28	58	23	58 36	7 8 5 3	76 36	53 31	62 25	59 26	63 37	5 5 30	19	56 28	53	60 19	65.8 36.9
BALO KNOB	MAX	70	69 38	57	74 56	68 55	71 55	72 38	66 38	24	67 30	77 37	72 42	71 33	76 59	73 55	55 28	23	39	29	71 49	71 36	26	60 25	53 25	30	34	21	24	22	54 18	62.9
BATESVILLE LIVESTOCK	MAX	72 38	75 35	70 36	61 45	72 49	78	70 33	72 33	17	60 18	73 30	80	69 27	72 29	74 56	65 23	51	57	61	57 28	69 30	69 22	20	58 25	23	55 26	16	52 16	55 12	41	62.3 28.2
BATESVILLE L AND 0 NO 1	MAX	75 41	71 40	67 56	76 51	74 52	70 53	70 36	64 37	57 22	71 29	79 41	78 44	71 29	75 52	73 49	32	57 19	61 25	5 B 3 O	71 51	69 37	48	58 24	52 23	51 31	47 35	51 19	54 35	50 22	57 18	63.5
BENTON	MAX MIN	72 38	66 39	62 54	78 56	69 55	70 50	72 38	57 36	57	70 28	78 36	71 38	73 32	78 60	78 46	51	57 21	63	55 31	74 53	71 34	51 28	57 26	62	59 28	50 33	50 20	59 25	4 B 2 4	60 20	63.9 34.7
BENTONVILLE	MAX	71 40	62 44	56 45	72 46	61 46	60 41	59 32	47	55 18	69 33	74 41	61 35	72 34	72 60	68 34	45	56 21	61 27	58 35	66 39	45 27	38 23	49 31	57 26	49 34	35 24	20	41 29	35 15	55 23	56.6 32.4
BLAKELY MOUNTAIN OAM	MAX	69 44	72 43	63 45	67 54	76 58	69 52	72 42	74 45	62 24	58 28	72 32	77 38	71 36	76 40	77 62	67	54 26	5 8 2 5	61 34	64 40	75 35	53 34	42 25	62 26	61 30	57 36	42	54 23	57 26	43	63.5 35.9
BLYTHEVILLE	MAX M1N	74 46	77 46	80 55	78 53	75 59	69 57	70 43	60 36	53 26	66 33	79 45	68 50	71 35	76 56	71 52	54 31	53 25	61 30	65 36	68 50	69 38	53 26	55 27	43	53 34	4.4 3.2	46 23	52 32	46 22	52 23	62.7 38.0
BOONEVILLE	MAX	76 41	61 51	60 52	71 55	69 52	70 45	71 38	62 37	59 22	73 29	83 36	72 40	79 43	75 58	72 43	53 25	6 0 2 0	67 29	56 39	78 45	52 31	47 30	60 25	61	56 32	46 32	56 19	53 26	4 4 2 0	56 18	63.3
BRINKLEY	MAX M1N	72 39	74 40	79 57		78 53	70 55	71 43	66 39	54 24	68		76 43	73 33	78 55	73 57	60 29	56 23	63 23	61 30	72 48	72 37	4.7 2.5	61 26	6 1 2 2	5 5 3 2	48 33	47	57 27	50 22	54 18	64.1 35.1
CAMOEN 1	MAX MIN	67	74 40		56	82 57	67	73 45	74 45	55 27	58 27	73 37	77 37	75 39	79	81	73 33	53 26	59 26	65	65	81 42	57 36	53 29	67 29	60 30	64 37	43	53 22	6 l 2 8	44 23	65.5
CAMP CHAFFEE	MAX M1N	64	76 46	62 52	62 55	68	58	69 38	69 38	47	59 30	73 35	81	73 37	79 50	77 53	55 27	53	59 23	66	58 45	75 31	52 31	46	59 29	60 32	55 34	41	55 23	52 19	3.8 1.8	61.4
CLARKSVILLE	MAX	72 41	60 51	60 51	72 55	70 54	67 45	71 38	62 38	56 22	68	80 34	73	75 39	73 58	72 43	52 26	56 22	62	55 39	75 49	52 31	47 27	60 24	58 28	55 34	45	51	55 24	45 19	55 19	61.8
CONWAY	MAX MIN	72	67	61,	76 55	71 58	70 50	72 41	63	57 24	72	80 35	73 45	74 36	78 60	75 52	53	57	63	56 36	74 48	72 34	48	62 25	57	58 36	49	52 20	55 27	50 20	52 18	64.0
CORNING	MAX M1N	74	74	75 55	77 51	79 56	70 52	71 39	58 37	56 23	68	78 43	68 46	70 29	76 54	71 46	49	53	59 27.	62 32	67	68 37	44	55 27	46 18	51 34	43	47	54 32	48	50 21	62.0
CROSSETT 7 S	MAX	73	81	78 65	81	75 58	75 60	72 57	67	54 25	70 26	76 38	76 41	77 43	80	77	60	57	65 25	60 38	77 57	75 42	53	70 26	65 28	66	58 38	51	63	56 31	58 19	68.2
CUMMINS FARM	MAX M1N	70	77 41	74 57	74 55	74 57	70	72 45	63	54	69	77	72	76 37	79	73	53	55 26	61	54 38	76 49	73 38	49	67 29	63	58 37	50 35	50:	59 26	52	51	64.8
OAROANELLE	MAX	73	65	63	75 56	75 61	66	71	61	57	69	83	75 45	76 40	77	72	51	57	65 28	50	77 33	51 33	49	51 26	60	57 36	49	53	54	47	57	62.9
OE QUEEN	MAX	74	64	66	72	65	74	75 37	60	59	72	79	78	79	79	72	24			53	77	62	55	66	61	61	50	55	59	45	62	65.7 36.1
OES ARC	MIN	38	75	70	79	79	68	71	72	49	54	67	71	73	73	78	67	52 25	56 28	62	60	72 38	51	42	64	50	57	46	49	55	41	62.4
OEVILS KNOB	MAX	65	59	55	63	61	65	67	55	25 54	68	74	65	66	63	60	46	54	54	52	62	54	42	53	52	48	36	48	49	38	56	56.2
OUMAS 1	MIN	72	80	81	80	73	70	72	57	55	72	78	74	75	56 81	71	55	57	60	59	75 53	70	49	68	53	56	47	52	63	49	59	65.4
EL DORAGO CAA AP	MAX	73	74	73	79	70	72	72	56	55	70	75	76	77	79	72	50	57	64	63	80	54	51	66	56	62	45	51	62	44	58	64.5
EUREKA SPRINGS	MIN	72	64	59	67	61	65	61	35 51	26	72	78	69	72	70	67	47	56	26 62 31	58	61	47	41	50	56	51	39	52	26	39	55	38·1 58·3 35·9
FAYETTEVILLE	MIN	70	63	57	67	50 64	63	37 61	32 49	55	69	75	64	73	70	35 67	46	55	62	59	66	46	41	51	56	38		51	45	36	26 54	57.4
FAYETTEVILLE CAA AP	MIN	72	52 64	57		65	63	61	30	56	71	76	65		70	68			61		3 B 6 7			52			33			36		57.6
FAYETTEVILLE EXP STA	MIN	36 70	63	68	68	48 66	62	33	23	19	69	74	34 66	72	70	67	45	18	59		66	46	41	50	55	32 56	18	16		40		57.8
FLIPPIN CAA AP	M1N MAX	37 74	63	58	75	47	66	35 66	30 47	19	39 74	84	65	36 74	61 75	35 69	48	59	63		71		42	55	59	37 55	41	54	51	40	56	33.7
FOROYCE 6 W	MIN	73	70	50 85	51	67	70	35 72	64	20	70	76	36 74	76	77	73	57	18	63	57	77	75	50	63	55	36 62	53	50	57	57	56	65.7
FORT SMITH WB AP	MIN	75	60	55 61	56	59	57 67	45 68	50	57	70	80	46 72			70	52	58	67	52	75	39 52	47	32 58	30 59	35 55	38	54	51	38	56	39.7
FT SMITH WATER PLANT	M1N MAX	71	51	51	52	51 67	45 69	70	29 62	28	33 68	39 75	43 76		57	33 71			6.2	60		51		55		37 51	4.5	49	50	20	57	61.6
GILBERT	MIN	40	48			52 71	40	35 71	3 3	2 l 65	2 8 7 7		39 75		66 74	43 72	51	62	62	30 62	74		26	23	62	30 56	44	57		15	61	33.3
	MIN	41	37	52	51		44	35	37	16	25		35 73			74	22	15 62	68	28	52 69		26	21 65	60	38 59	50	15	57	19	57	32.6
GRANNIS	MAX	43	4.8	47			48	41	41	23	34		41	42	61	46	24	23	62	58	65	26	28		31		3 3	52		37		34.5
GRAVETTE	MAX	73	60 46	44	47	66 46	44	32	29	16	37	40	44	37	61	33	18	20	29	57		25	22	28		36		15	30	12	20	32.5
HARRISON	MAX	73 40	42		42	52	65	29	30	59 16	34	41	41	31	59	34	22	16	22		38	27	20	25	22	35	25	16		16		31.3
HELENA	MAX	71 45	78 46	60	55	58	61		41		37	4.8	70 50	38	55	59	34	31	28	40	49	40	30			35	35	25	31	28	22	40.5
HOPE 3 NE	MAX MIN	69	74	50	66 54	60	65 52	72 45	73	25	57 26	74 34	40	43	77	62			25		43			29		36	35	22	22	25	20	36.9

ARKANSAS NOVEMBER 1956

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Table 5 - Continued		T														Day	Of M	onth														age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Average
HOT SPRINGS 1 NINE	MAX	73 46	63 51	62 54	77 59	70 61	73 51	75 46	65 41	58 27	71 40	77	70 54	76 46	75 61	73 48	54 30	59 29	61 26	55 38	72 51	70 33	50 33	65 27	60 33	58 36	50 35	52 26	55 29	49 24	61 30	64.3 40.2
JONES80RO	MAX	75 47	75 47	76 58	78 55	74 58	72 56	71 44	61 38	56 27	68 38	78 48	67 52	72 37	76 55	70 48	51 32	55 27	62 29	62 37	69 51	70 39	45 28	58 32	49 23	57 37	44 37	48 25	54 35	48 24	53 26	63 • 1 39 • 7
KEO	MAX	72 39	64 41	74 57	78 54	67 55	69 53	71 43	55 35	55 25	70 32	78 45	71 42	76 34	81 58	71 50	52 28	55 24	62 25	56 35	76 51	71 37	46 28	63 27	53 24	59 35	47 37	51 22	57 26	50 23	59 20	63.6
LEAO HILL	MAX	73 42	60 42	58 50	73 50	65 50	63 40	65 32	49 30	60 17	75 28	85 37	65 35	75 28	73 62	70 38	50 24	59 17	65 21	56 28	70 46	48 31	43 25	53 24	60 22	52 38	40 30	56 17	50 25	39 20	56 17	60 • 2 32 • 2
LITTLE ROCK W8 AP	MAX	71 45	65 45	64 57	76 59	68 59	71 52	71 48	54 33	56 27	70 35	77 46	70 49	76 40	78 63	69 40	50 33	57 28	62 30	58 39	75 46	51 37	46 32	62 31	56 30	57 36	44 31	51 25	56 28	41 25	59 23	62.0 39.1
MAGNOLIA 3 N	MAX	74 41	74 43	63 58	80 58	78 58	71 52	72 48	70 44	60 24	71 25	75 35	74 41	79 42	80 61	75 62	69 31	59 24	65 27	72	79	80 39	51 30	58	57 28	67 32	63 33	53 20	61 31	54 27	59 22	68.1 38.4
MALVERN	MAX	73 40	70 44	62 55	79 53	71 59	72 52	73 47	66 42	56 22	70 31	78 39	74 41	77 36	79 61	75 54	55 30	58 25	65 24	56 34	76 49	73 30	51 30	64 26	59 27	59 32	52 37	50 21	58 27	53 24	59 20	65.4 37.1
MAMMOTH SPRING	MAX	77 39	72 39	71 55	80 53		71 47	69 35	57 34	59 20	72 27	84 42	72 39	71 37	76 57	70 50	53 26	58 18	62 22	64 28	67 51	68 43	44 24	52 24	47 19	50 31	42 28	52 18	52	19		63.4 34.3
MARIANNA 2 S	MAX MIN	72 43	78 45	81 59	79 59	77 59	71 59	71 48	66 39	53 23	69 30	77 43	70 46	72 39	78 55	74 56	58 32	54 26	61 27	59 42	70 49	71 38	49 28	60 27	56 22	57 32	49 34	48 22	57 29	50 25	53 20	64.7 38.5
MARKEO TREE	MAX	72 44	75 45	78 57	78 53	75 58	70 58	69 44	60 38	53 27	67 33	77 43	69 51	70 34	75 56	70 53	54 30	53 25	59 28	60 36	69 50	71 39	45 28	58 26	45 21	55 32	47 35	46 24	54 28	48 24	52 21	62.5 38.0
MARSHALL	MAX MIN	71 40	64 49	62 46	74 49	70 50	65 47	35	57 35	61 19	75	78 49	71 49	73 35	70 47	67 40	50 24	59 17	60 24	56			45 24	53 21	56 22	51 41	37· 30	49 16		52 21	62	61 • 1 34 • 6
MENA	MAX	72 40	59 49	64 52	67 54	64 55	66 42	70 41	60 38	59 26	72 36	75	72 49	75 43	71 62	70 42	50 29	60 26	62 31	53 46	72 47	50 30	48 31	59 32	59 33	54 39	45 31	53 25	53 26	41 20	59 26	61.1
MONTICELLO 3 5	MAX	71 40	79	80 59	80 60	75 61	70 59	72 50	59 42	54 23	70 30	74 43	73 46	75 46	78	74 56	60 33	57 24	64 28	62 44	76 54	75 40	57 27	68 25	60	67 23	58 36		62 34	59 28	58 22	67+8 39+1
MORRILTON	MAX	73 42	64 43	59 55	77 55	70 57	69 50	72 41	68 39	57 27	71 31	81 39	72 49	75 35	76 60	73 53	54 32	58 24	63 25	56 35	75 49	72 33	48 31	61 25	58 27	58 40	50 35	53 21	56 27	48 22	57	64.1 37.4
MOUNT IDA	MAX MIN	74 38	66 49	59 50	74 55	68 58	71 43	74 34	55 40	62 21	76 36	78 39	73 39	76 42	74 58	74 47	54 28	62 19	62 22	52 45	74 45	70 32	50 31	62 26	60 32	56 34	50 34	52 19	56 26	43 20	62 17	64.0 36.0
MOUNT MAGAZINE	MAX	64 42	56 49	56 48	62 55	61 50	58 42	62 48	53 26	48 23	73 40	72 51	62 50	67 46	62 55	60 28	45 20	50 32	52 32	55 40		44 21	36 19	50 28	50 28	47 35	35 22	45 19	41 23	35 10	46 23	53.3 34.7
MOUNTAIN HOME	MAX MIN	73 47	64 46	63 52	76 52	70 58	65 42	66 40	50 33	60 22	72 36	82 49	75 45	72 37	71 59	71 39	49 27	57 21	61 29	59 37	70 51	48 33	42 25	53 29	58 24	51 39	40 31	51 22	50 31	42	52 21	60.4 36.6
MOUNTAIN HOME C OF ENG	MAX M1N	70 47	72 44	64 44	57 52	75 54	71 47	65 35	67 28	42 21	60 24	73 32	82 40	64 32	72 36	71	65 25	50 19	58 21	61 29	59 37	70 33	47 24	40 24	54 22	59 29	49 32	41 19	52 19	51 20	39 18	60.0
NARROWS DAM	MAX	73 42	73 45	61 55	65 55	79 58	66 47	73 41	76 46	53 23	59 26	72 30	77 35	78 37	78 38	77 55	70 27	56 23	61 24	64 26	68 43	74 34	56 32	54 25	67 28	60 28	60 29	45 20	53 21	60 24	46 20	65.1
NASHVILLE PEACH SUBSTA	MAX	70 44	71 50	60 52	65 54	75 58	63 49	72 47	74 43	52 26	57 29	70 32	76 32	75 41	77 46	78 56	70 28	54 24	59 29	63 34	67 46	76 35	54 31	51 29	63	58 35	59 35	60 22	52 25	56 22	42 23	64.0
NEWPORT	MAX																															
NIMROO OAM	MAX	69	75 41	60 48	60 53	76 59	69 47	70 41	73 41	57 24	39	75 39	83	74 36	77 37	79 66	69 31	58 22	60 24	65 29	66 38	76 33	52 30	47 28	62 27	60 33	58 35	43 20	56 21	57 19	43 19	64.4
OKAY	MAX	75 43	71 51	64 55	78 61	74 61	73 52	75 41	71 47	57 24	72 28	77 35	76 38	79 41	80 62	77 60	60	60 22	66 24	63 38	78 53	78 38	55 33	70 26	69 30	65 37	57 37	54 21	59 24	56 26	59 20	68.3
OZARK	MAX	74	65 54	62 50	71 56	70 55	69 45	71 40	62 37	58 28	69 31	80 37	74 40	78 46	75 55	69 40	55 26	58 24	65 28	56 40	75 46	53 31	59 29	62 26	60 29	57 36	43 32	53 20	56 26	41	58 20	63.3
PARAGOULO	MAX	7-3	· 75	77 56	79 48	79 58	71 54	70 38	62 37	52 25	64	77 43	69 42	68 28	73 53	70 50	51 29	53 23	59 24	57 32	67 48	67 38	45 26	57 25	45	52 36	40 34	45 23	52 31	47	51 22	61.6
PAR15	MAX	77	61 46	60 52	72 55	70 53	70 46	73 40	61 35	58 27	72 30	83 36	75 42	80 36	76 52	74 43	52 27	59 23	65 25	56 33	77 47	52 31	47 30	62 25	60 32	57 40	48 34	55 22	55 25	44	5 7 20	63.6 3 5.6
PERRYVILLE	MAX	74 36	78 38		75	78	77 41	73 42	72 41	60	23	34	63 36	34		78 45	26	61 26	60 24	58 29	76 47	71 31	31	29	31	62	5 6 32	55 21	51 28	45 27	59 19	65.8 32.1
PINE BLUFF	XAM	70 44	64 47	73 59	76 57	67 59	68 56	70 48	56 39	55 28	70 36	76 46	70 46	76 40	77 60	72 52	54 34	54 30	64 32	56 40	75 53	73 40	49 32	62 31	54 29	59 40	50 37	52 25	5 7 36	48 27	58 25	63.5
PINE BLUFF CAA AP	MAX MIN	72 41	67 44	76 60	79 56	69 58	69 51	72 47	53 30	56 27	71 34	78 44	72 41	76 38	79 6 0	72 40	49 32	55 27	64 27	59 39	77 49	54	48 29	63 29	54 28	62 40	45 29	52 25	59 31	41 25	59 23	63.4
POCAHONTAS 1	MAX	74 41	75 43	77 56	82 54	72 53	71 51	69 39	36	59 24	67 29	80 39	73 43	68 31	74 55	72 45	51 30	53 21	60 24	60 33	68 51	67 37	45 25	58 24	48	52 31	43	49	54 31	45	55 19	62.8
PORTLANO	MAX	64	70 43	80 44	78 58	78 58	75 60	70 58	70 48	58 28	56 28	70 31	75 40	72 40	75 41	80 56	70 38	50 31	5 8 27	65 28	63 46	75 44	56 31	50 30	69 28	54 28	65 38	45 26	54 26	65 30	47	65.2
PRESCOTT	MAX	67 38	74 42	65 45	64	79 55	62 48	72 40	71 40	52	70 24	73 29	77	74 37	78 37	79 56	72 27	52 24	59	65	65 35	77	56 30	54 27	63	60 28	62 35	45	60	57	41 18	64.8
ROGERS	MAX	73 43	65 50	59 49	67 48	63 48	62 45	60	50 31	56 22	70 40	7 6 51	70 46	70	70	65	45 22	56 23	62 33	57 39	67	46 26	40	49 31	57 28	50 40	40 27	51	45 31	35 15	54 25	57.7 35.7
RUSSELLVILLE	MAX	74 43	68 46	60 53	74 56	70 59	68	72 39	66	57	70 29	82 35	74	77	76 55	73 50	52 29	58 22	63 25	57 34	77 49	57 30	48	61 25	59	63 36	50 35	52	55 26	48	56	63.9
SAINT CHARLES	MAX	66 43	73 45	81 53	80 56	81 59	74 59	73 49	73 40	52 26	54 30	70 42	78 48	72	75 45	79	71 33	50 28	57 29	64	62	73 39	52 32	45	61	50 29	58 36	45	49	59	41 22	63.9
SEARCY	MAX	75 43	73 42	76 58	78 57	70 56	72 53	74 42	6 6	57 26	71 31	80 40	71 46	73 36	77 57	73	54 31	58 26	63	54 34	72 50	70 37	46	62	53	56 33	49	51 23	56 29	49	55 21	64.5
SHERIDAN TOWER	MAX	78 42	43	78	78			79 41			76	78		79	79	74	37	62	63	37		32	28	66 26	62	63		23	59		60	
SILOAM SPRINGS	MAX	_	62	57 46	65 46	67 51	64	61 35	49	56 18	38 71 34	40 77 48	37 65 42	38 75 39	74 62	54 68 36	47	57 21	62	58 38	65 38	47 26	42	52 23	58	50 38	42	52 17	46 29	37 13	55 22	58.5
STUTTGART	MAX	74	73 47	79 59	79 57	73 58	71 55	73 47	65 41	55	69	78	71	75	80	70	56 33	55 28	63	55 39	72 50	70 38	48	61 29	54 26	59 35	49	50	58 29	50 26	56 23	64.7
		,,,		,,	,	,0	,,	71	41	-0	35	46	45	39	55	55		20	,,	,,	,,	00	50	. 7	-0	,,	,,	2 7	27	20	23	,,,,

NUVEMBER . 956

Table	5. (Cont	inued

Table 5 Contained										_										-					_				_	-			
Station																Day	Of M	lonth			Ą												rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
STUTTGART 9 ESE	MAX	62 41	71 44	75 48	77 57	77 59	68 54	69	70 39	49	52 28	68	75 41	69 37	72 42	78 5 7	68 31	49	54 26	61 33	59 41	70 36	50 30	44 27	60 24	49 27	57 34	43	47 25	56 24	38 22		61.2
SU81ACO	XAM NIM	75 41	66 49	59 50	71 55	68 53	67 47	70 41	64 36	56 29	69	81	74 48	79 41	76 61	76 46		56 24	65 27		76 48										5 6 20		62.9 37.1
TEXARKANA WB AP	MAX MIN	73 48	62 52	64 53	78 63	65 58	71 51	73 48	55 34	56 29	73 35	76 47	76 44	78 52	80 63	72 40		58 28			80 43										60 28		64.1 41.1
TURNPIKE	MAX M1N	60 48		60 44		61 57		64			65 41	71 52			67 54			50 31	55 37		64 48										49		55.7 37.5
WALORON	MAX MIN	75 35	69 46	60 49	70 51		68 44		60 36			81 32			75 62			60 17			76 45										60 19		63.5
WALNUT RIDGE CAA AP	MAX	74 46	75 42	75 57	78 52	74 60	70 47	71 41	50 30	56 25	66	79 44			74 58	70 38		53 25			69 48										54 23		60.9 36.1
WARREN	XAM NIM		79 46				71 62	74 48		56 27									64 28		77 55										58 24		64.7 39.9
WHITE ROCK	MAX		59 49			60 50	63 43								65 57						62 45										55 23		55 • 1 36 • 0
WILSON	MAX MIN		75 49			74 61	70 51		37	57 25		77 46			76 58			53 27			70 54		4 6 3 0								52 24		63.3 39.2
MYNNE	MAX		75 45		78 57			70 40				75 45			75 59			53 21	60 28		71 50			59 30				47 20			52 20		63.0

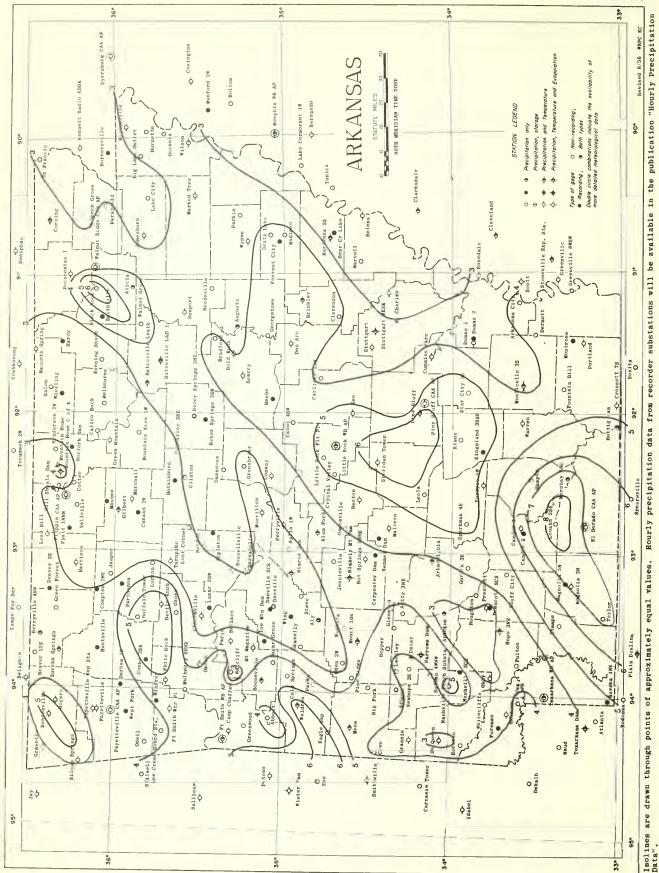
EVAPORATION AND WIND

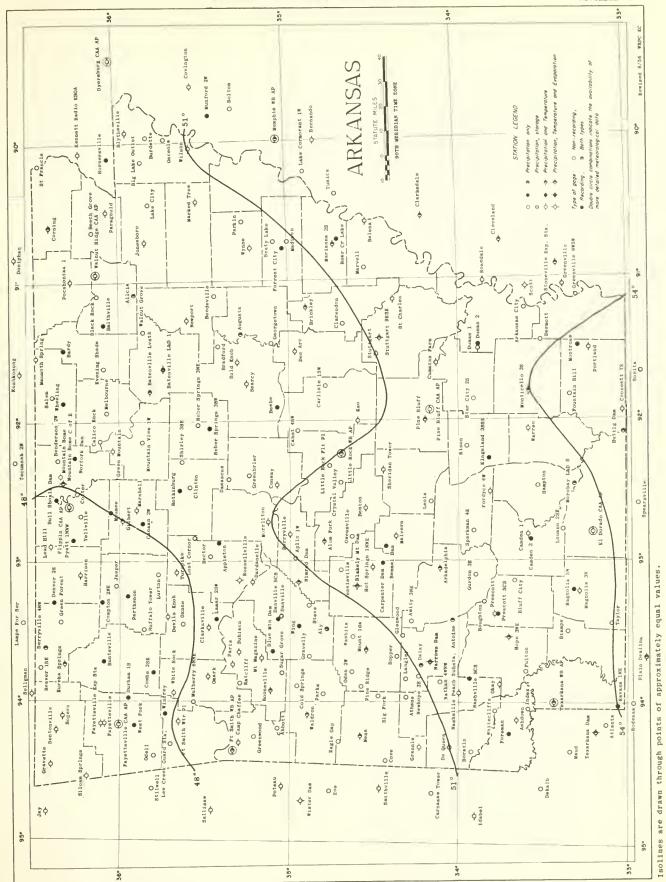
																1	Day o	f moi	ath														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
BLAKELY MOUNTAIN DAM	EVAP W1ND					.06	.06		.10			.12				.13	.24					.09					.15		20	- 57	-		2.81
HOPE 3 NE	QAV3									.18														~10 58			.07		.10	- 67	- 28		2.94
MOUNTAIN HOME C OF ENG	EVAP		.07		.02		.05	.08			40	- 2	- 45	<u>-</u> 25	- 54	122	- 67	_ 19	12	46	- 35	- 45	_ 152	34	43	- 45	109	- 45	- 20	- 57	_ 15		1234
NARROWS DAM	EVAP WIND				.02 36	.06		.11	.15		_ 21		.12			12 138		_ 27	_ 18	37	- 49	101	- 94	34	- 45	25	112	- 47	- 21	- 68	25		1415
NIMROD DAM	EVAP WIND																.19		* 41			.05		• 56	31		.20				- 19		2.53 1206
RUSSELLVILLE	EVAP WIND			.00	.06	. 06			.12		.04		*	.16			.06					.14		.07			.19		.04	.04			2.10
STUTTGART 9 ESE	EVAP						.03			* 32							.10					.12		40	* 55	.25			30	42	20		2.10

Table 7

SNOWFALL AND SNOW ON GROUND

																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
BATESVILLE L & D NO 1	SNOWFALL SN ON GND									T																	Т					
EL DORADO CAA AP	SNOWFALL SN ON GND															Ŧ																
EUREKA SPRINGS	SNOWFALL SN ON GND									Т																	Т					
FLIPPIN CAA AP	SNOWFALL SN ON GND								Ť																	Т	T					
GILBERT	SNOWFALL SN ON GND																									ī	T					
GRAVETTE	SNOWFALL SN ON GND																												Т			
JONESBORO	SNOWFALL SN ON GND							T																				Т				
MARIANNA 2 S	SNOWFALL SN ON GND																										Т					
MARKED TREE	SNOWFALL SN ON GND																											Т	-			
WALNUT RIDGE CAA AP	SNOWFALL SN ON GND																										Т					





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Station	Index No.	County	Drainage ‡	Latitude	Longitude	Flowerion	v.	bser- ation ime	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Obs vation due tim	n	Refer to tables
Abbott Alicia Alum Fork Aly Amity 3 NE	0006 0064 0130 0136	Scott Lawrence Saline Yell Clark	1 7 1 3	35 0 35 5 34 4 34 4 34 1	4 94 3 4 91 6 8 92 3 7 93	12 6 15 2 12 7 129 8	24 56 55 5	7A 7A 5P	James V. Williams Ruby B. Owens L. R. Water Works Reba Y. Swalm Mrs. Alta F. Garner	3 3 C 2 3 5 C 3 C	Magnolia 3 N Magnolia 5 N Malvern Mammoth Spring Marianna 2 S	4548 4550 4562	Columbia Columbia Eot Spring Fulton	4 4 3 7	33 19 33 20 34 23 36 29 34 44	93 14 93 13	315 360 311 690 234	6P 5P SS	7A Earl E. Graham IID Ark. Pwr & Lgt Co. 5P Malvern Fire Dept. 7A John B. McKee 6P Univ. of Arkansas	_2 3 5 7 C 2 3 5 7 2 3 5 7 C
Antoine Aplin 1 W Appleton Arkadelphia Arkansas City	0178 0188 0196 0220	Pike Perry Pope Clark Desha	3 1 1 3	34 0 34 5	2 93 3 8 93 6 5 92 5 7 93 6	25 21 10 4 13 5 13 2	85 00 22 00 6	8A 7A M1D P 7A	Drew A. Lamb Hobart Watts John A. Jones Millman E. Lawrence John W. Trammell	3 C 3 C 2 3 5 C 3	Marked Tree Marshall Marvel1 Maumee Melbourne	4666 4678 4696	Poinsett Searcy Phillips Searcy Izard	5 7 7	35 32 35 54 34 33 36 03 36 04	90 25	229 1050 195 749 610	6P SS	7A William M. Crick 7A Mrs. Minnie Horton 8A Sterlin Wallace 1D Helen E. Adams 7A lvan L. Shrader	2 3 5 7 C 2 3 5 7 2 3 5 3 C 3
Asbdown Atbens Augusta Bald Knob Batesville Llvestock	0300 0326 0350	Little River Boward Woodruff White Independence	7 7	33 4 34 1 35 1 35 1 35 4	9 93 5	8 9 2 2 4 2	30 6	7A 7A P 6P	Southwestern G & E Arra D. Parker David G. Griffiths Univ. of Arkansas Univ. of Arkansas	2 3 5 3 C 2 3 5 2 3 5 C	Mena Monticello 3 S Montrose Horobay Lock & Dam Morrilton	4934	Polk Drew Ashley Calboun Conway	3 3 3	34 35 33 35 33 19 33 19 35 07	94 15 91 48 91 29 92 27	1207 285 125 85 280	5 P	7A E. W. St. John 5P Arkansas A & M Col. IID Ark. Pwr & Lgt Co. 7A Corps of Engineers 7A Emma S. Leavell	2 3 5 7 C 2 3 5 7 C 3 C 2 3 5
Batesville L & D 1 Bear Creek Lake Seaty Lake Beaver 1 8E Beebe	0496 0512 0518	Independence Lee St. Francis Carroll White	5 7	35 4 34 4 35 0 36 2 35 0	3 90 4 5 90 4	12 2: 13 4: 16 9:	20 00 30	MID 5P 7A	James J. Mitchum U.S. Forest Service L. G. Adamson Harvey E. Skelton Lowell E. Perkins	2 3 5 7 C C 3 3 C C	Mount 1da Mount Magazlne Mountain Bome Mountain Home C. of E Mountain View 1 E	5010 5036 5038	Montgomery Logan Baxter Baxter Stone	7 7	34 33 35 10 36 20 36 20 35 52		663 2800 800 800 768	7P 7P 8A	SP Willlam E. Black 7P U.S. Forest Service 7P Cbarles Shiras 8A Corps of Engineers 7A Nell A. Tapley	2 3 5 7 C 2 3 5 2 3 5 2 3 5 6 C
Beech Grove Beedeville Benton Bentonville Berryville 4 NW	0536 0582 0586	Greene Jackson Saline Benton Carroll	7 6 1	36 0 35 2 34 3 36 2 36 2	91 (6 2: 7 2: 3 12:	21 85 6 95 6	8 A P 8 A P 7 A	B. B. Hammond P. M. Breckinrldge Mrs. Etta C. Burks Earle L. Browne David L. Stldham	3 3 2 3 5 2 3 5 3 C	Mulberry 6 NNE Narrows Dam Nasbville Peach Substa Nashville SCS Nathan 4 WNW	5110 5112 5114	Franklin Pike Howard Howard Boward	3 4 4 3	35 34 34 10 34 00 33 57 34 07	93 51 93 52	500 425 550 373 550	8 A 7 A	7A Henry G. Arvin 8A Corps of Engineers 7A Univ. of Arkansas 1D Soll Cons. Service 7A Edna J. Westfall	3 2 3 5 6 C 2 3 5 C
8ig Fork Big Lake Outlet Black Rock Blakely Mountain Dam Blue Mountain Dam	0676 0746 0764	Polk Misslssippi Lawrence Garland Yell	5 7 3 1	34 2 35 5 36 0 34 3 35 0	90 0 7 91 0 6 93 1 6 93 3	6 2 6 2 1 4 9 4	28 59 26 8.	6P 7A 8A MID	Anna M. Liles N. W. Douglas Lee W. McKenney Corps, of Englaeers Corps of Englaeers	3 3 2 3 5 6 C	Newhope 3 E Newport Nimrod Dam Norfork Dam Ddell	5200 5228 5354	Jackson Perry Baxter Washington	7	34 14 35 36 34 57 36 15 35 48	93 10 92 15 94 24	850 225 470 425 1500	88 8 A	7A Elsie F. Ward 7A Luther D. Summers J 8A Corps of Engineers 11D Corps of Engineers 7A Mrs. Renzo Hurst	3 5 7 2 3 5 6 C 3
Sluff City Blytheville Booneville Botklnburg Boughton	0806 0830 0842 0848	Nevada Mississippi Logan Van Buren Nevada	5 1 7 3		6 89 8 9 93 8 9 92 3 2 93 2	5 2: 5 5: 0 12: 0 2:	52 6 11 7	P 7A P 7A MID 7A	Paul'M. Adams lvy W. Crawford Cleo E. Yandell Thomas M. Pearson Iris Elmore Wicker	3 2 3 5 7 2 3 5 C C	Oden 2 W Okay Dsceola Owensville Dzark	5376 5480 5498 5508	Montgomery Howard Mississippl Saline Franklin	4 2 3 1	34 38 33 46 35 43 34 37 35 29	92 49	800 300 250 500 396	5P	7A Lorreta W. Jacobson 5P J. T. Hargis 8A Alwyn A. Cowan 8A Guy Cook 6A Burns Wakefield	3 2 3 5 3 3 2 3 5 7
Bradford Brinkley Buffalo Tower Bull Shoals Dam Burdette	0936 1010 1020 1052	Wblte Monroe Newton Baxter Mississippi	7 7 7 2	35 2 34 5 35 5 36 2 35 4	91 1 2 93 3 2 92 3 9 89 5	0 20 10 - 14 40 17 24	50 10	P 5P 7A MID 6P	Marshall Hickmon Robert D. Schaefer Beulah F. Fowler Corps of Engineers G. A. Hale	3 5 7 C 3 C 3	Ozone Paragould Paris Parkin 2 W Parks	5562 5576 5586 5591	Johnson Green Logan Cross Scott	5 1 5 1	35 38 36 04 35 18 35 16 34 48		1900 275 - 222 668	4P 88	7A Maurice R. Brandt 4P Radio Station KDRS SS Fred J. Girard 7A Corine D. Gardner 7A Bomar K. Hansard	3 2 3 5 2 3 5 3 3
Cabot 4 SW Calleo Rock Camden 1 Camden 2 Camp Chaffee	1132 1152 1154 1172	Pulaski lzard Ouachita Ouachita Sebastian	7 3 3 1		8 92 6 5 92 5 6 94 1	8 40 9 1: 1 1: 8 4:	16 7	7A 7A MID A 8A	B. M. Walther Austin D. Harris Leonard B. Dillworth Edith Z. Lehman U. S. Army	3 3 2 3 5 7 2 3 5 C	Parthenon Perryville Pine Bluff Pine Bluff Pine Bluff CAA AP Pine Ridge	5694 5754 5756 5760	Newton Perry Jefferson Jefferson Montgomery	1 1 3	35 57 35 00 34 12 34 10 34 35	91 56	925 325 215 205 840	5P 7P MID M	11D Arthur B. Carlton 7A Francis Finkbeiner 7A Mary T. Beheu HID U.S. Civil Aero Adm 7A J. R. Nuddleston	2 3 5 2 3 5 C 2 3 5 7
Canaan 2 W Carlisle 1 SW Carpenter Dam Clarendon Clarksville	1224 1238 1442 1455	Searcy Lonoke Garland Monroe Johnson	7	34 4 35 2	92 4 7 91 4 7 93 0 1 91 1 8 93 2	8 13 8 .43	72	7A 6P	CLOSED John L. Tait Ark. Pwr & Lgt Co. B. F. Northern Dr. Irving F. Beach	10/29/56 3 C 3 C 2 3 5	Pocahontas 1 Portland Prescott Prescott SCS Pyatt 1 NNW	5866 5908 5910 5970	Randolph Ashley Nevada Nevada Marion	3 3 7		90 59 91 30 93 23 93 23 92 51	330 122 318 - 800	7 A 7 A	7A Benedictine Sisters 7A Mrs. Pearl Newton 7A R. P. Hamby IID Soil Cons. Service IID Ona V. McLean	2 3 5 2 3 5 2 3 5 7 C
Clinton Cold Springs Combs 3 SE Compton 2 NE Conway	1520 1574 1582 1596	Van Buren Scott Madison Newton Faulkner	3 7 7 1	36 0 35 0	8 93 5 8 93 4 6 93 1 5 92 2	4 125 8 140 8 216 8 31	50 00 56 16 5	7 A MID MID MID 5P	Earl B. Riddick Margaret Zornes Maude C. Brashears William L. Binam Clarence S. Williams		Ratcliff Ravana 1 NE Remmel Dam Rison Rogers	6016 6102 6174 6248	Logan Willer Hot Spring Cleveland Benton	3 3	35 18 33 04 34 26 33 57 36 20	93 53 94 02 92 54 92 11 94 07	463 250 - 231 1387	M	7A Lula M. Weeks ID Bonny L. Allen ID Ark. Pwr & Lgt Co. 8A J. H. Yaney SS Howard Fowler	3 C C C 2 3 5 7
Corning Cotter Cove Crossett 7 S Crystal Valley	1640 1666 1730	Clay Baxter Polk Ashley Pulaski	4	34 2	4 80 3 7 92 3 6 94 2 91 5 2 92 2	5 105	10 50 75 51	7 A 7 A 5 P	Mrs. Laura Polk Robert T. Fielding Joe C. Allen U.S. Forest Service Virda Byrd	2 3 5 7 C 3 3 2 3 5 7	Russellville Saint Charles Saint Francis Salem Searcy	6403	Pope Arkansas Clay Fulton White	5 7	35 18 34 23 36 27 36 23 35 15	93 08 91 08 90 08 91 50 91 44	360 200 300 668 245	8.4	5P U.S. Forest Service 8A Fish & Wildlife Serv 7A William S. Buckley 7A Jas. B. Caldwell 7A dam C. Melton	2 3 5 6 7 2 3 5 3 3 2 3 5 7
Cummins Farm Baisy Damascus Danville Banville SCS	1814 1829 1834	Lincoln Pike Faulkner Yell Yell	3 1 1	34 1 35 2 35 0	91 3 4 93 4 2 92 2 3 93 2 4 93 2	5 6: 5 7: 4 3	39 05 70	7A 7A 7A	Cummins Prison Farm Ferna Jones Tedder William A. Brown J. A. Moudy Soil Conserv. Serv	2 3 5 3 C 3 3	Sheridan Tower Shirley 3 SE Siloam Springs Smithville Sparkman 4 E	6586 6624 669B	Grant Van Buren Benton Lawrence	7	34 27 35 38 36 11 36 05 33 55	92 21 92 17 94 33 91 18 92 48	290 910 1150 450 260	7 A	6P Ark. Forestry Comm. 7A Maud H. Bradford 7A John Brown Univ. ID A. R. Richardson 7A Mrs. Rachel Butler	2 3 5 3 2 3 5 C
Dardanelle De Queen Dermott Des Arc Devils Knob	1948 1960 1968	Yell Sevier Chicot Prairie Johnson	4 2 7	34 5	2 94 2 1 91 2	1 4: 6 1: 0 2:	20 5: 10 7	P 7A 8A 4 7A	Gretchen Goodier D. Tucker Vasser L. W. Wilson C. J. Rister Earnest C. Campbell	2 3 5 2 3 5 7 3 2 3 5 2 3 5 7	Stamps Star City 2 8 Steve Stuttgart Stuttgart 9 ESE	6820 6856 6918	Lafayette incoln Yell Irkansas Arkansas	3 1	33 22 33 54 34 53 34 29 34 28	91 32	270 392 682 214 198	6P	7A Hubert Baker 7A Ark. Forestry Comm 7A T. P. Sims 7A George L. Clark 7A Univ. of Arkansas	3 3 3 2 3 5 2 3 5 6 7 C
Dumas 1 Dumas 2 Eagle Gap El Dorado CAA AP Eureka Springs	2150 2204 2300	Desha Desha Scott Union Carroll	3	34 4	3 91 3 3 91 3 3 94 1 3 92 4 4 93 4	9 11:	55 50 52 MI	#1D 7A	Ben Johnson Ark. Pwr & Lgt Co. Station Inactive U. S. Civil Aero Adm Mabel P. Spray	2 3 5 7 C 3 5 7 C 2 3 5 7 C	Subiaco Taylor Texarkana WB Airport Turnpike Waldron	7038	Logan Columbia Miller Pope Scott	4 1	35 18 33 06 33 27 35 40 34 54	93 39 93 27 94 00 93 05 94 06	500 247 361 2087 675	MID M	7A New Subiaco Abbey 7A idella D. Norwood ID U.S. Weather Bureau 6P U.S. Forest Service 5P William D. Bivens	2 3 5 3 2 3 5 7 C 2 3 5 7 C
Evening Shade Fayetteville Fayetteville CAA AP Fayetteville Exp Sta. Flippin CAA AP	2442 2443 2444	Sharp Washington Washington Washington Marion	1 7 I	36 0 36 0 36 0	5 91 3 5 94 1 6 94 1 6 94 1 8 92 3	0 13° 0 12° 0 12°	70 7 53 M1 70 5	P 7P MID 5P	Opha Wolfe Charles F. Ford U.S. Civil Aero Adm Univ. of Arkansas U.S. Civil Aero Adm	3 2 3 5 2 3 5 7 2 3 5 7 2 3 5 7	Walnut Grove Walnut Ridge CAA AP Warren Washita West Fork	7530 7582 7592	Independence Lawrence Bradley Montgomery Washington	3 3	35 51 36 08 33 36 34 38 35 55	91 21 90 56 92 04 93 32 94 11	250 272 206 610 1340	6P	6P A. H. Fast IID U.S. Civil Aero Adm 6P Charley L. Sharp 7A Nora Lee Mayberry IID Effle D. Little	2 3 5 7 2 3 5 3 C
Fordyce 6 W Foreman Forrest City Fort Smith WB Airport Fort Smith Water Plant	2544 2564 2574	Dallas Little River St. Francis Sebastian Crawford	5	35 2	3 84 2 1 90 4	4 ·46	0D) 51 58 M1	MID	Arkansas For. Comm. Leslie P. Callens Thomas A. Moore U.S. Weather Bureau R. J. Schoeppe	2 3 5 C C C 2 3 5 7 C 2 3 5	Wheeling White Rock Whitecliffs Wilson Wing	7772	Fulton Franklin Sevier Mlsslssippi Yell	4 2	36 19 35 41 33 48 35 34 34 57	91 52 93 57 94 04 90 02 93 28	680 2285 290 237 350	5P 5P	ID Thomas W. Cone 7A U.S. Forest Service 7A L. M. Snead 7A D. O. Anderson ID Miles B. Turner	2 3 5 3 2 3 5
Fountain Bill Fulton Georgetown Gilbert Glenwood	2670 2760 2794	Ashley Hempstead White Searcy Plke	7 7	33 3 35 0 35 5	1 91 5 7 93 4 7 91 2 9 92 4 0 93 3	8 20	60 00 95 6	8 A 7 A 7 A	Jethro R. Denson Ina J. Logan Bessie E. Akers C. Eli Jordan Myrtle 1. Price	3 3 3 2 3 5 7 C	Wynne Yellville		Cross Marion			90 46 92 41	260 760		SS Wm. M. Courtney 7A Jess B. Johnson	2 3 5
Grannis Gravelly 2 ESE Gravette Green Forest Green Mountain	2922 2930 2946	Polk Yell Benton Carroll Stone	1 1 7	34 5 36 2 36 2	4 94 2 2 93 3 4 94 3 0 93 2 2 92 3	9 49 8 12 6 13	50 8	7A 38 7A	George T. McVay Willie Pendergrass Elson B. Schmidt Dbed B. Wilson CLOSED	2 3 5 3 2 3 5 7 3 10/31/56										
Greenbrier Greenwood Gurdon 3 E Bampton Bardy	2976 3074 3098	Faulkner Sebastian Clark Calhoun Sharp	3	33 5	4 92 3 3 94 1 4 93 0 2 92 3 9 91 3	8 2	18 90 02	7 A 8 A	Marvin C. Cantrell Dorothy M. Been Boy S. Bobbs Soil Cons. Service Theresa Donaldson	3 3 3 C										
Harrison Beber Springs 3 NE Beber Springs 3 BW Bector Helena	3228 3230 3235	Boone Cleburne Cleburne Pope Phillips	7 7 1	35 3 35 2 35 2	93 (92 (92 (93 (94 (94 (94 (94 (94 (94 (94 (94 (94 (94	1 5 13 - 18 5	25	7A M1D 7A	Bea Gray Beene Lester B. Logan Wayne Stark Irene B. Timko Charley M. Friddell	2 3 5 3 C 3 2 3 5									X	
Benderson 2 W Hope 3 NE Hopper Boratio Bot Bprlngs 1 NNE	3428 3438 3442	Baxter Bempstead Montgomery Sevier Garland	3 4	34 2	2 92 3 3 93 3 2 93 4 6 94 3 1 93 6	33 3 11 7 22 3	80 75 8 00 37 10 5	6A	Lucy A. Bentzien Cecil M. Bittle Lona A. Shields Elizabeth W. Friday Natl Park Service	3 2 3 5 6 C 3 3 2 3 5 7								ı		
Buntsville Buttig Dam Index Jasper Jessleville	3556 3584 3600	Wadison Union Little River Newton Garland	3 4 7	33 0 33 3 36 0	5 93 6 2 92 6 5 84 1 1 93 2 2 93 6	05 03 11 8	53 60 00 57 30	8A 8A 7A	May Pearl Markley Corps of Engineers W. E. McDowell Lottie B. Davis Lura B. Sykes	3 C 3 3 3										
Jonesboro Keo Kingsland 3 SSE Lake City Lamar 2 SW	3862 3904 3998	Craighead Lonoke Cleveland Craighead Johnson	3 5	35 5 34 3 33 5 35 4 35 2	6 92 0 0 92 0 9 90	00 2 16 2 26 2	45 6 30 7 14 30 50	P 7P MID 7A	Benedictine Slaters (R. A. Waller Claude W. Bunter Tressa St. Clair Peach Exp. Station	2 3 5 7 2 3 5 C 3 C										
Langley Lead Bill Lee Creek Guard Sta. Leola #Little Rock WB Airport	4116 4134	Pike Boone Crawford Grant Pulaskl	1 3	86 2 35 4	2 94 0 92	54 7 19 10 35 2	61	P 7P 7A 7A	Mabel F. Forrester F. W. Kellogg U.S. Forest Bervice J. R. Bhodes U.S. Weather Bureau	3 2 3 5 3 3 2 3 5 7 C										
Little Bock Filt. Pl. Lost Corner Louann 2 SE Lurton Madison	4324 4332 4386	Pulaski Pope Union Newton St. Francis	1 7 3 7	34 4 35 3 33 2 35 4	6 92 4 92 2 92	19 5 50 15 46 1 05 20	12 50 30	M1D 7 A 6 P 8 A	L. B. Water Works Catherine Bussell Flora A. Bamilton Lola 1. Dollar Loren R. Jones	3 3 3 3 3										
‡ DRAINAGE CDDE; 1. A	rkans	as 2. Missis	sip	pi 3	. Ouacl	ita	4. Re	d 5.	Salnt Francis 6. Sa	aline 7. White										

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Dureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December Issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin,

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

Water equivalent samples published in Table 7 are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Data in Tables 3, 5, a in local standard time and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station ladex lists observation times

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

- No record in Tables 3, 5, 7 and the Station index. No record in Tables 2 and 5 is indicated by no entry. Consult the snnual issue of this publication for interpolated monthly totals.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 Data based on observational day ending before noon.

 Adjusted to a full month.

 In the "Refer to Tables" column in the Station index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. One to nine days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

 Trace, an amount too small to measure.

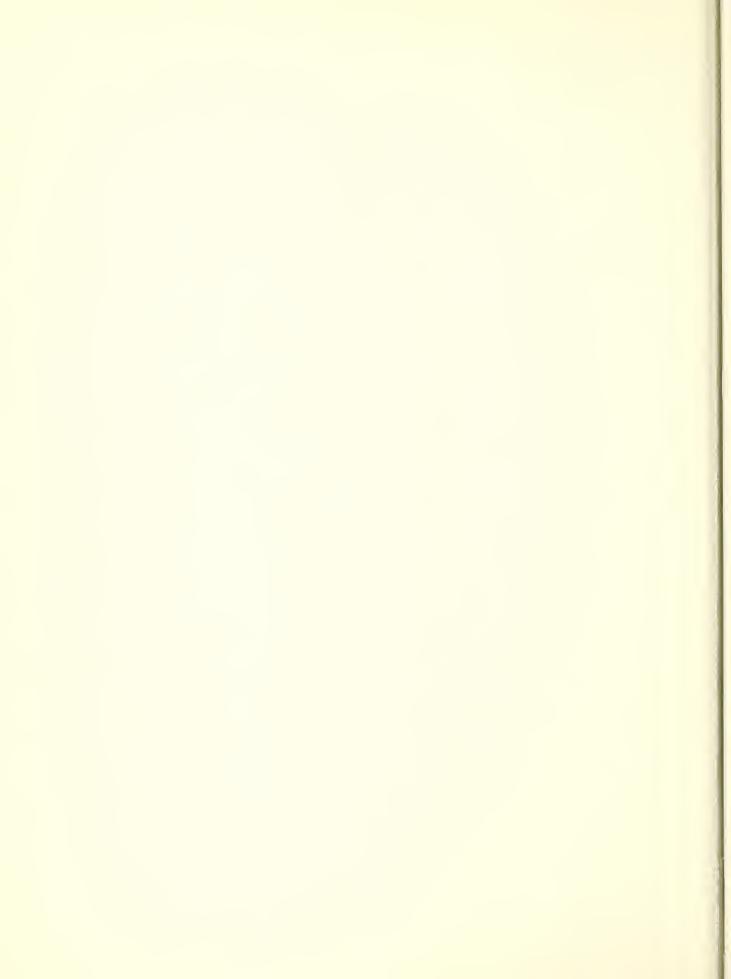
 Includes total for previous month.

 This entry in time of observation column in Station index means observation made near sunset. R

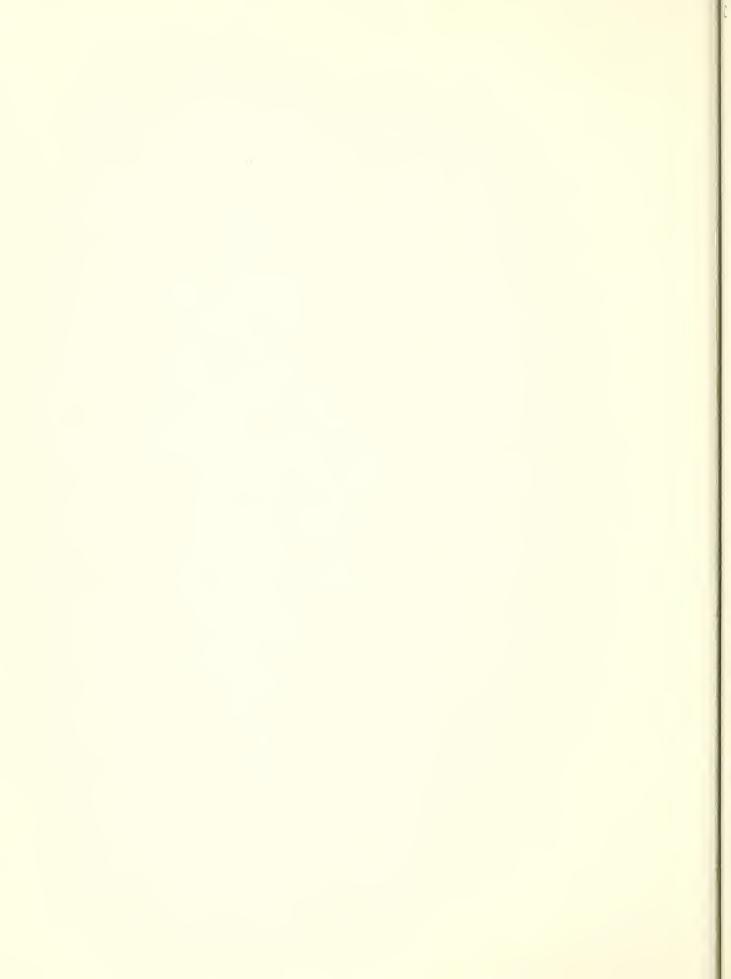
Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office. Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Bureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 1-7-57 -- 1000







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CLIMATOLOGICAL DATA

ARKANSAS

DECEMBER 1956
Volume LXI No. 12



ARKANSAS - DECEMBER 1956

WEATHER SUMMARY

December in Arkansas was the warmest December in recent years and one of the warmest of record. Fair weather predominated during the first few days and during the last week of the month. The middle portion was quite cloudy with occasional showers. The weather was favorable for gathering the remnant corn and cotton and for other outdoor farm work.

The first few days of December were very mild. Most stations registered their highest afternoon temperatures for the month on the 3d or 5th. Monthly maximums were in the upper 70's and the very low 80's over most of Arkansas. The highest temperature for the State, 82°, occurred at Gilbert and Lead Hill on the 3d and at Camp Chaffee, DeQueen, Hope 3 NE, Narrows Dam, Okay, and Paris on the 5th. A slow-moving cold front moved into the State from the northwest during the late evening of the 5th and by the late evening of the 8th had moved entirely across the State. Temperatures dropped abruptly as the polar continental air poured into the State. By the morning of the 10th, the temperatures over the northwest and west central portions of Arkansas were mostly below 20° and temperatures over the central, eastern, and southern sections were in the low 20's. Most stations over the entire State registered their lowest temperatures for the month on the 10th. The coldest temperature for the State, 13°, occurred at the Batesville Livestock station on that date. Southerly winds on the 11th brought higher temperatures and warm weather predominated to the end of the month. Monthly mean temperatures ranged from 42.2° at Gravette to 53.8° at Crossett 7S. Monthly mean temperatures were above the long-term means at all stations. Temperature departures ranged from +2.9° at Prescott to +7.7 at Warren. Temperature departures exceeded +6.0° over many counties in the northeast and southeast. The departures were less than +4.0° in the Prescott vicinity and in the extreme northwest. At most stations, December 1956 was the warmest December since 1946 and at some stations it was the mildest since 1933. At Little Rock, it was the warmest since 1931.

No important precipitation occurred before the 5th and during the last week of December. Rain showers occurred on several days during the second and third weeks. The most general rains fell during two periods, the 6th to 8th and the 17th to 22d. The highlands received the most generous rains on the 7th and 8th. The greatest amounts over the delta division fell on the 19th, 20th, and 22d. A few localities received light rains on the 12th and 13th. Monthly precipitation totals ranged from 0.10 inch at Ashdown to 5.45 inches at Dermott. Rains were very unevenly distributed over the State. Several stations in the general vicinity of Texarkana received less than an inch. A number of scattered areas received more than four inches. Most of the State received between two and four inches. Precipitation exceeded the long-term averages for December in the extreme northwest, at a few west central stations, and at a few widely separated stations in the northern part of the State. Precipitation at a few stations in the extreme southwest was less than one-fifth the long-term means. Most stations received between 40 percent and 80 percent of their long-term means. Light snow flurries were noted at a few stations. These occurred on the 8th, 9th, 13th, 16th, 17th, 21st, and 23d.

Except for a few cold days most of December was favorable for outdoor activities which consisted principally of butchering, cutting wood, breaking land, caring for livestock, gathering remnant corn and cotton, and hunting. Clover and rye were late and retarded at the beginning of the month but all winter grains and cover crops made good growth during December. Livestock obtained considerable feed from oat and clover fields. Strawberry beds improved. Surface moisture was adequate but the subsoil was dry. Streams were very low in most areas.

On the evening of the 6th, a thunderstorm accompanied by hail, lightning, and strong winds caused considerable damage 3 1/2 miles south of Garfield, Benton County. Several buildings were damaged or destroyed. The lightning killed some livestock. Hailstones accompanying the storm were about an inch in diameter.

Lucius W. Dye Climatologist Weather Records Processing Center Kansas City, Missouri

	Wind	direction		Wind m.	speed p. h.				idity ave	rages		Numl	per of d	ays with	precipi	tation			
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12, 30A CST	61 30A C.T	12:30P CST	61 30P T	Trace	.01-09	10-49	5039	1 00-1 99	2.00 and over	Total	Percent of possible sunshine	Average sky cover
FORT SMITH W8 AIRPORT	**	18	8.7	33	bi	6	83	87	65	69	2	2	4	1			9	5.3	b I
ITTLE ROCK WE AIRPORT	SW	14	9.4	30	Niw	23 r	77	84	62	67	1 7	3	4	2			t	4, 4,	1, 4
TEXARKANA W8 AIRPORT	-	-	-		-	-	-	83	-	-	4	4	1	1			ь		-

CLIMATOLOGICAL DATA

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				Теп	pera	ture							P	recip	itation					
				, -				97		No. of Days			>		Snow	, Sle	et	No.	of D	ays
Station	Average	Average	Average	Departure from Long- Term Mean	Highest	Date	Lowest	Degree Days	-	Ablow well Below of B	Total	Departure from Long- Term Mean	Greatest Da	Late	Total	Max. Depth on Ground	Date	10 or More	.50 or More	or More
HIGHLANO OIVISION				1															İ	
ALUM FORK ASHDOWN BENTONVILLE BLAKELY MOUNTAIN DAM BENTONVILLE CAMP CHAFFEE CLARKSVILLE CONWAY DARDANELLE DE QUEEN DEVILS KNOB EUREKA SPRINGS FAYETTEVILLE FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP FORT SMITH WB AP FORT SMITH WB AP FI SMITH WATER PLANT GLBERT GRANNIS GRAVETTE HARRISON HOPE 3 NE HOT SPRINGS 1 NNE LEAO HILL LITILE ROCK WB AP MALVERN MAMMOTH SPRING MARSHALL MENA MODRILTON MOUNT IDA MOUNT IDA MOUNT IN HOME MOUNTAIN HOME	61.2M 64.11 60.6 53.17 60.2 57.37 60.2 57.37 55.41 55.2 54.7 55.6 61.8M 53.8 61.8M 53.8 61.7 7/ 57.4 61.9 61.7 61.7 61.7 61.7 61.7 61.7 61.7 61.7	37.8 35.5 31.9 35.2 35.1 31.2 33.9 36.4 35.8 35.8 34.8 34.3 31.6 33.3 34.7 32.9 34.7 32.9 34.7 32.9 34.7 32.3 42.1 33.3 42.1 39.4 43.3 42.1 39.4 43.3 42.1 39.4 43.3 43.3 43.3 43.3 43.3 43.3 43.3	49.4M 51.0 48.1 42.5 48.0 47.4 43.8 45.8 48.6 47.8 45.0 44.5 43.6 44.5 45.0 44.5 43.6 44.5 45.0 44.5 45.0 44.5 45.0 44.5 45.0 44.5 45.0 45.0	5.6 6.1 3.7 5.6 4.9 4.1 3.1 4.7 7.5.4 3.25 4.6 5.5 6.1 4.1 6.0 4.5 6.5 6.5 6.5	79 81 80 81 81 82 81 80 80 87 76 82 72 72 72 72 80 81 80 82 75 76 82 80 81 80 81 80 82 74 80 82 74 80 81 80 82 74 80 81 80 82 74 80 81 80 81 80 81 80 81 80 81 80 80 81 80 80 81 80 80 80 80 80 80 80 80 80 80 80 80 80	5555656565565545553553253653553 55555346665555 35 555555	22 10 18 10 20 5 22 1 18 10 20 5 21 10 20 20 20 18 10 20 20 20 18 10 20 10 18 10 20 10 18 10 20 10 21 10 21 10 21 10 22 10 23 10 24 10 24 10 25 10 26 10 27 10 28 10 29 10 20 10	44, 50: 54, 52: 55: 65: 65: 65: 65: 65: 65: 65: 65: 65	77	0	2.90 0.10 2.77 1.40 2.87 2.83 3.16 2.92 2.53 3.16 2.53 1.52 2.37 2.74 1.93 1.48 2.67 5.3 3.18 2.67 3.18 3.18 2.67 3.18 3.18 3.19 2.67 3.18 3.18 3.18 3.18 3.19 3.19 3.19 3.19 3.19 3.19 3.19 3.19	- 0.92 0.31 - 1.78 - 0.38 - 0.37 - 0.11 - 0.27 - 1.51 - 0.66 - 2.23 1.55 - 0.66 - 3.50 0.13 - 0.05 0.13 - 0.05 0.13 - 0.05 - 1.13 - 0.50 - 0.63 - 0.63 - 0.61 - 0.61	1.95 0.10 0.99 1.39 1.31 0.55 2.02 0.87 0.86 1.05 2.02 0.88 1.05 2.05 0.88 1.05 1.26 1.05 1.26 1.05 1.26 1.05 1.26 1.05	8 8 8 1 9 6 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			8	415555454536645455554547544465555546553352545455555	103120233322333122222122221	1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 2 0 0 0 0
DIVISION			46.8								2.53				Т					
DELTA DIVISION																				
ARKADELPHIA BALD KNOB BATESVILLE LIVESTOCK AM BATESVILLE L AND D NO 1 BLYTHEVILLE BRINKLEY CAMDEN 1 CORNING CROSSETT 7 S CUMMINS FARM DES ARC DUMAS 1 EL DORADD CAA AP FORDYCE 6 W HELENA	62.1'58.6 57.5 59.31 61.1'63.8 55.8 66.3 63.8 64.0 64.0	35.6 28.4M 35.5 37.4 36.9M 37.6 35.5 41.3	49.9M 47.1 43.0M 47.4M 46.8 49.0M 50.7 45.7 53.8 51.3M 47.5 52.8 52.2 52.7 51.0	5.4 4.9 5.2 5.4 5.8 7.2 6.5 5.2 6.8	80 78 79 79 75 79 81 77 78 79 79 79 80 79	556535655555	21 10 20 2 13 11 19 10 25 10 19 11 22 11 23 11 23 11 23 11 20 1 21 11 23 11 24 11 23 1	550 677 540 560 560 560 560 560 560 560 560 560 56	3 0 1 2 1 5 7 0 9 7 7 8 1	0 0 13 0 0 0 14 0 0 0 0 11 0 0 0 0 12 0 0 0 0 0 0 0 0 0	2.03 2.35 2.83 5.02 1.57 2.36 3.43 2.48 4.68 2.06 2.22	- 1.61 - 1.48 - 0.09 - 3.43 - 1.33 - 2.06	0.40 1.19 0.77 0.80 0.95 1.14 0.56 0.77 1.41 0.89 1.40 0.58 0.58	7 20 20 20 7 7 17 20 22 22 8 8 22 12 22 12 22	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0			4 3 5 9 8 5 6 7 7 6 6 6	2 2 2 5 1 1 2 2 3 2 2 4	0 2 0 0 1

ARKANSAS DECEMBER 1956

				Ten	npera	ture									P	recip	itation					-
				- d					ays	No	of Da	ys .		<u>.</u> 4	A.		Snow	, Sle	et	No.	of Day	
Station	Average Maximum	Average Minimum	Average	Departure from Long. Term Mean	Highest	Date	Lowest	Date	Ω	Ma o o o o o o o o o o o o o o o o o o o	-	Min.	Total	Departure from Long- Term Mean	Greatest Da	Date	Total	Max. Depth on Ground	Date	JO I	50 or More	-
JONESBORO KEO MAGNOLIA 3 N MARIANNA 2 S MARKEO TREE MONTICELLO 3 S NEWPORT PARAGOULO PINE BLUFF PINE BLUFF CAA AP POCAHONTAS 1 PORTLANO AM PRESCOTT AM SAINT CHARLES SAM SEARCY STUTTGART STUTTGART STUTTGART STUTTGART SON WYNNE OIVISION	56.8 60.9 65.3M 60.9 57.2 65.3 58.6 62.8 62.4 57.5 64.0 61.2 60.9 59.5 62.2 59.5 64.4 58.5	39.3 37.3 40.6 37.5 37.5 38.8 40.6 35.8 41.7 39.2 35.3 38.7 35.3 38.7 35.3 38.4 40.0 36.6 42.2	48.1 49.0 53.000 49.2 47.5 52.3 50.8 46.4 51.4 48.3 49.0 51.1 47.4 46.0 53.3 48.4 49.4	6.8 4.1 5.3 6.8 6.5 7.2 6.1 4.2 2.9 6.2 7.1 4.2	77 80 80 77 75 78 79 76 80 80 77 81 80 80 77 78 80 80 77 77	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22 21 23 25 19 25 24 25 22 23 22 18 22 23 24 23 24 23 24 23 24 22 23 24 22 23 24 25 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	10 10 10 10 10 10 10 10 10 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 10	522 501 386 542 386 5076 408 447 576 480 444 547 588 380 517		0 8 0 11 0 10 0 10 0 9 0 9 0 7 7 0 16 0 15 0 11 0 15 0 9 0 9 0 7 7 0 16 0 7 7 0 15 0 15 0 15 0 9 0 8 0 9 0 9 0 9 0 9 0 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.17 4.94 2.37 3.33 3.73 3.06 1.70 2.31 4.07 4.18 1.91 1.91 2.73 2.69 3.69 3.64 2.32 2.77	- 2.21 - 3.37 - 1.30 - 0.81 - 2.40 - 2.07 - 1.20 - 1.89 - 1.42 - 1.33 - 1.92 - 1.33 - 1.66 - 2.99 - 1.10	0.82 1.18 0.88 1.64 1.05 1.49 0.69 1.03 1.57 2.18 0.69 1.70 0.46 1.71 0.67 1.25 1.44 0.60 0.93	8 20 13 20 20 23 22 20 13 13 23 7 23 8 6 22	0.0	000000000000000000000000000000000000000		4756754577585556665 6	2 0 2 2 1 1 2 2 1 1 2 2 2 1 1 3 2 2 1 1 3 3 1 1 2 2 4 2 2	

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Table 3	T																												MBER	4,0
Statioa	Total	1 2 :	3 4	4 5	6	7	8	9	10	11	12		of mor		16	17	18	19 :	20	21	22	23	24	25	26	27	28	29	30	31
ABBOTT ALICIA ALUM FORK ALY AMITY 3 NE	2.59 2.40 2.90 3.18 1.71					1.27 .72 1.95 1.55 1.02	.06 .50	.46 .37 .10			Т		T	•			.03		.86 .70 .35 .73	т	.50 .40 .22	. 44.44	•1)							
ANTOINE APLIN 1 W ARKADELPHIA ARKANSAS CITY ASHDOWN	.79 2.93 1.20 4.37				T	*11 1*57	.05 .05	- 18 - 05 T			.20 .14	1.96	.23	03	.20		.26	. 30 T	.33	T +63	1 •55 •40 •37 •10	. 10	τ				,			
ATHENS AUGUSTA BALD KNOB BATESVILLE LIVESTOCK BATESVILLE L AND D NO 1	2.22 2.51 2.45 2.03 2.35		Į			1.40 .36 1.19 .57	.12	-28 -04 -23		. 10	T I	.09 T		02		.09 .08	.01	T 1		. 6	+02 +22 1	.1 .15	T +02							
BEATY LAKE BEAVER 1 SE BEECH GROVE BEEDEVILLE BENTON	5.00 3.42 2.74 2.81 2.74		ı	• 0 :	T	1.53 1.23 .46 .26	.47 .70 .35 .58	.58	.38	•02 •11	. 10 T	.83 .01	т т	03		-12	.36	•02	.59 .52 .91 .78	.01	. 71 T	.05	ون.	.53						
BENTONVILLE BERRYVILLE & NW BIG FORK BIG LAKE OUTLET BLACK ROCK	2.77 2.60 3.28 3.18 2.17			т	Т	1.19 .57 2.00 .55	• 27 • 82 • 47 • 02 • 21	.64		.18	T	.02 .17		04		n 40 40		•02 T	.43 .54 .61 .99	t T	.31	.18 .12 .20 .25				T				
BLAKELY MOUNTAIN DAM BLUFF CITY 3 SW BLYTHEVILLE BOONEVILLE	1.40 2.24 2.83 2.80			.0.	2	.36 T .39 1.31	•21 •16 •15 •18	•11 •16 •16		.10	- 14	.46		.05	.03	.02	.66	.02	.38 .46 .95 .66	T .01 .02	•02 •03	. 50	.01					. 15		
BOUGHTON BRADFORD BRINKLEY BUFFALO TOWER BURDETTE	1.89 5.02 2.48 4.01					.68 1.14 .78	.08 .73 .40	.20 .24 .17 .20		T	.23	.95		.03		.15 .76	ť		.78 .69 .59	• 0 3	.93 .62	.32								
CABOT 4 SW CALICO ROCK CAMDEN 1 CAMP CMAFFEE CARLISLE 1 SW	2.81 2.30 1.57 1.42 3.82					1 · 18 1 · 17 T	-14 -10 -29 -67	.19		Ţ	. 35	.05	.05			.56	.09	.18	.76 .55	.04 .05 .01	.28	.15								
CLARENDON CLARKSVILLE CLINTON COLD SPRINGS CONWAY	2.92 3.69 4.56 2.53		ı		.06	3.10	.34 .10	-21				. 92		T		•15	.07	.05 T	.60 .96 .70	0.8	.44	.84								
CORNING COTTER COVE CROSSETT 7 S CRYSTAL VALLEY	3.21 3.43 2.67		-			- 42 - 2.32 .46 .71	. 70	- 19		-	- + 28	- 51	.07 - .10	- T	-	-	•49	.04	.77	.15	1.41	.19				-				
CUMMINS FARM DAISY DAMASCUS DANVILLE DARDANELLE	2.48 1.42 2.65 5.02 3.16			т		.76 1.40 3.55 2.02	.05	.10			.05	. 81		T	.17		.12 T	.10	.19 .42 .50 .60	T •07	.04	.50	T							
DE OUEEN DERMOTT DES ARC DEVILS KNOB	5.45 4.68 2.39				. 91 Y	.32	1.40	.26		1	.36	3.04	.02			.15	.09	T .20	.52 1.00 .87	.25 .03 .04	.71	.46		ь						
DUMAS 1 EL DORADO CAA AP EUREKA SPRINGS EVENING SHADE FAYETTEVILLE	2.06 2.22 2.81 1.80 1.91	?	ı	T C	T .0		. 82 . 18 . 86	.60 .12		T	.59	. 19 T	• O 7	Ť Ť	f	. 56 T	ī	.20	T .46 .50 .26 .04	.02 T t	.39 .03	.04	, T							
FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP FORDYCE 6 W FORT SMITH WB AP R	2.74 2.51 1.91 3.09 1.63	1 0		T	.0	1 .35 2 .16 3 .27	.33	.01 T	T •11		.01	•52	.06	.02		.50		.04	.42 .06	Ť	.49	.03	2				t			
FT SMITH WATER PLANT FOUNTAIN HILL FULTON GEORGETOWN GLEBERT	1.46		-	T		+42 - +10	.38	.04 T		Ť	-	. 33	- T	-		1 1	- T •21	_	.45 .85 .50		.14		- 5 2 3 •0							
GLENWOOD GRANNIS GRAVELLY 2 ESE GRAVETTE GREEN FOREST	1.26 2.75 3.65 3.95	9			1.0	1 +43	1.24	-			Ī			Ţ		_	_	.10	.42 .67 .27	• 0 3	-	•11	1 -							
GREENBRIER GREENWOOD GURDON 3 E HAMPTON HARRISON	3.00 2.13 1.41 2.51	0				1.85 .9		.03	3			.46	T +20			.03	.05		.45 .90 .12 .08	.05			9							
HEBER SPRINGS 3 NE HECTOR HELENA HENDERSON 2 H HOPE 3 NE	2 • 7 5 • 3 3 • 1 2 • 4 1 • 1	6 3 4 3				.91 3.30 T	0 .03 .21	· 14 · 18 · 03 · 23	3		.03	.57	.08			T	.55		.83 .86 .32 .76	+02 T	1 +1:	•1	5							
HOPPER HORATIO HOT SPRINGS 1 NNE HUTTIG DAM INDEX	2.0 1.5 2.1 2.7 1.3	2 9 1 8				1.0	9 .00	. 31	1		.03	. 74	•01	.03		.08	T .43	.05	•59 •26 •50 •03		. 4 . 6	.3	9					ī		
JASPER JESSIEVILLE JONESBORO KEO LAKE CITY	2.0	7		· T	07 T	.4 1.2 .6	1 .05	.2: 7 .1: 5 .2: 3 .2: 2 T	1	.03	.03	.56		T T +03		7 +18 +27		т	.57 .70 .82 1.18 .92 .51		1.0	.4 .4 0 .0	0 .0)4	
LEE CREEK GUARD STA	4.9 2.7 1.5 2.6 1.6 2.9 R// 2.6	2			T	1.0	1 .0° 3 6 .3° 3 .1°	5 T .5'	0	T	. 2 5	. 92	.08 T		.06	.04	T	.05 .47 1.57	. 85 . 42	. O.	.5	, , 7 7 T	1							
LITTLE ROCK FILTER PL LOST CORNER LOUANN 2 SE LURTON	4.6	3	-		Ţ	2.0	8 .1	5 .3	6	-	.00	1.50	-) T	-	1	.04 - T	1.5	0 T	.64	-	1 - 6	3 . 6	4							
MADISON MAGNOLIA 3 N MALVERN MAMMOTH SPRING MARIANNA 2 S	4 • 1 2 • 3 1 • 4 3 • 2 3 • 3	22		1		02 .3	3 +1	9 .2	2	T T	.04	. #8 T	.08 T	Ţ	1	T .07	.7	4 •18 •05		. O	.7	0 .1	9							
MARKED TREE MARSHALL MARVELL	3.1	7.3			-	1 • 6	8 .3	2 .1	9	-	-01	50) T	-	-	- 0 7	-	-	.60	-	· -	1.0	7 -					-		

Table 3—Continued																																	OECE	EMBER	1956
	ਰ															Day	of m	onth																	
Station	Tol	ı	2	3	T	4	5	6	7	8	9	10	1	1	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	6 2	7	28	29	30	31
MELBOURNE MENA MONTICELLO 3 S MOROBAY L ANO 0 NO 8 MORRILTON	2.07 3.49 3.06 2.13 3.41			_				T	. 85 1 · 90 1 · 86	.04	*0					1.49		т		.49	.60	T •22	•09 •63	.03		.45	9 5 T						•25		
MOUNT IOA MOUNT MAGAZINE MOUNTAIN HOME MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 E	3.44 4.10 2.79 3.21 2.57				6				2 • 2 5	1.01	. 20											• 30 T	.59 .84 .78	.10 T	.50 .70	. 20	0 .0	7					Т		
MULBERRY 6 NNE NARROWS OAM NASHVILLE PEACH SUBSTA NATHAN 4 WNW NEWHOPE 3 E	1.91 1.40 2.06 .85 1.44								.50 .86 1.28 .35	•05	.0:	5				T • 02				т	*01 T	* 18 T	.44 .32 .54 .50	T T	T T •02	.30 .12	2								
NEWPORT NIMBOO OAM OOELL OOEN 2 W OKAY	1.70 2.95 2.32 3.29 .70						T		1 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 ·	• 21 • 65	. 1	3				T		T		T .08		т	•69 •64 •38 •65 •29		•26 •18	.3							T		
OSCEOLA OWENSVILLE OZARK OZONE PARAGOULO	4.07 1.81 2.27 3.46 2.31								.20 .37 .70 1.38	.06	• 3 • 2 • 6	3		16	т	. 58 T	Т	T T	Т	.06 .05	•29 T	T • 04 • 05	1.03 T .56 .80 1.03		. 36 T	.50 .41 .41	7 1 +0:	2							
PARIS PARKIN 2 W PARKS PERRYVILLE PINE BLUFF	2.52 4.39 2.79 3.62 4.07								.90 .36 1.70 1.71	.61	.2	5	Т		Т	1.06				.10	T +22		.61 1.12 .98 .41	т	• 69								Ť		
PINE BLUFF CAA AP PINE RIOGE POCAHONTAS 1 PORTLAND PRESCOTY	4.18 3.64 1.91 4.34 1.48						Ť	.02	.14 2.43 .58	. 45	.2	T			. 94	.05 1.70 .46		T T	.04	.39	•25 •03	.18	.03 .34 .69 .37		2 - 18 - 55 T	.3	.7	0							
RATCLIFF RISON ROGERS RUSSELLVILLE SAINT CHARLES	1.63 2.46 2.79 2.74 2.73						•03	.0	.30 .02 1.18 2.18	. 66					т	.81	.01	T			.45	.26 .49		•12 •06	.89		1								
SAINT FRANCIS SALEM SEARCY SHERIDAN TOWER SHIRLEY 3 SE	2.53 3.52 2.69 2.65 3.61							T	1.9 .6 .80		• 2	5			•32	•05		• 22		.07		.40	•52	.04	. 81	.4:	8	8							
SILOAM SPRINGS SPARKMAN 4 E STAMPS STAR CITY 2 5 STEVE	2 · 84 3 · 34 • 84 1 · 82 2 · 75						T		1 · 40		.3				•06	. 75 .07 .42	т	10 T •43		.49	.20 .23	.01	•47 •12 •70	.02	.8:	.3	6	6		16					
STUTTGART STUTTGART 9 ESE SUBIACO TAYLOR TEXARKANA WB AP R//	3 · 69 3 · 64 3 · 84 2 · 76 • 89								1.81	. 94 1 . 44 . 23	. 1	1		01	T .02		.05 .08 .06 .28	.03			.35 .07 .78		.28 .52 1.01 .04		7 •41 •30 •21	• 0 •	6								
TURNPIKE WALORON WALNUT GROVE WALNUT RIOGE CAA AP WARREN	3.18 4.30 2.05 2.32 2.77							T .60	2.59 2.59	. 16	* 2 T	7 .0	з.		T .07	. 82	*01 *14	т		. 45	.03	.03 .45	• 76 • 78 • 31	.03 .02	.70 .5 .3 .3	7 T 5 .0									
WASMITA WHITE ROCK WHITECLIFFS WILSON WYNNE	3.05 2.38 .64 - 3.81		_	_		-	-	-	1.95 .90 .08	- 41		-	-	. 17	-	1.05	-	-	-	T - .20	-	<u>T</u>	-80 -46 -40 -71	•04 •08	.0	В —	3 -	-	-		-	-	-	-	-
YELLVILLE	1.72							T	.4	.12	*1	5										T	. 54	Т	7	. 4.	2 .0	1							

Table 5				-												Dav	OI M	onth													2000	MOLI	95g
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	31	Averag
ALUM FORK	MAX	65	73 32	75 42	71 42	79 54	75 63	70 60	62 46	48	49	58 40	5 7 3 3	56 35	36	59 41	60 30	64	60 38	52 40	62	56 45	4 9 3 5	52 40	50 25	54	60	68	64	56 30		65 37	61.2
ARKAOELPH1A	MAX MIN	63	70 27	72 32	75 41	80 61	76 59	77 59	74 55	31	50 21	65 40	60	58 41	46	59 44	54 22	5 8 3 7	57	54 42	60 48	55 47	5 4 3 9	53 43	52 27	5 4 2 4	62	70 30	65	56 31		66	62.1 37.7
ASHOOWN	MAX	65 25	73 26	75 32	73 45	8 1 6 4	7 7 5 7	80 67	74 48	48	53 18	66 43	78 37	72 45	4.7 4.1	59 43	57	63 37	60	57 45	5 6 4 5	52 46	55 38	55 42	54	56 22	62 28	71	65	60	71 32	72 30	64.1 37.8
BALO KNOB	MAX	62 24	70 25	76 29	70 36	78 60	75 58	73 56	5 7 3 9	3 9 2 9	46	53 42	53	52 36	45	55 41	54 36	58 31	56 34	52 38	63	60	49	5.8 4.5	51	50 23	60 27	66 28	61	50 28		63	58.6
BATESVILLE LIVESTOCK	MAX	59 15	62 19	75 29	78 42	69	79 52	73 56	70 33	39	35 13	48	52	48	44	45 32	55 30	54	71 22	49	52 34	67 42	5 O 3 7	£ ₀ £ ₀	59 19	55 18	52 16	61	70 32	52 27		64	57.5
BATESVILLE L AND 0 NO 1	MAX	60	73 24	77 39	70 39	79 59	76 62	72 50	50	40	46	54	57	54	45	54 41	53	67 32	61	52 35	65 47	60 50	50	58	49	50	60	69	63	51		63	59.3
BENTON	MAX	65	66 26	74 35	72	80	77	74 58	60	47	51	60	59	55	45	58	55	59	57	53	65	55	50	55	53	54	62	71	59	56	68	65	60.6
BENTONVILLE	MAX	58	69	73	67	74	69	56 30	33	28	43	55 38	54	37	52 33	43	55	55 33	52	52	52	47	48	48	40	50	56	61	47	52	63	58	53.1
BLAKELY MOUNTAIN DAM	MAX	61	65	73	74	72	81	75 63	75 50	66	41	50	59	62	52	52	60	57	63	49	54	57	50	52	52	54	56	63	72 28	57	58	701	60.7
8LYTHEVILLE	MAX	57	70 32	75 41	71	75 57	72	69	47	39	45	49	50	47	48	52	52	55	53	56	61	56 4.8	52	61	53	45	55	63	53	44	57	5.8	56.1
800NEVILLE	MAX	24	76	79	74	81	74	68	47	38	49	60	63	54	48	51	58	69	57	56	50	52	48	48	48	57	60	67	38 56	60	70	66	59.6
BRINKLEY	мах	63	70	74	70	79	77	74	65	47	48	57	58	5.5	45	54	60	63	35 60	57	61	60	33	62	5 3	21	60	68	35 65	28	63	64	35 - 1
CAMOEN 1	MIN	61	67	74	75	58 75	81	79	80	77	43	38 53	70	77	50	49	64	35 59	60	51	56	62	60	38 58	53	55	32 56	65	74	28	58	72	63.8
CAMP CHAFFEE	MIN	56	64	2 8 6 8	36 77	73	82	65 76	58	33	37	23	60	57	38	47	30	30 56	65	43	54	48 51	54	48	30	27	56	30 60	32 65	35 55		69	37.6
CLARKSVILLE	MIN	62	70	76	71	45 81	74	45 69	36 46	42	18	20 55	56	29 53	29	51	53	31 67	57	53	54	51	36	37 49	49	53	28	63	30 54	29		67	31 · 2 57 · 7
CONMAY	MIN	62	73	30 78	71	55 80	76	73	39 57	28	47	36 55	57	3 3 5 5	40	56	26	37 65	60	52	66	45 58	35 50	37 56	51	53	59	26	60	53	67	65	33.9
CORNING	MIN	57	72	31 75	71	62 77	74	70	43	38	21	50	33	38	38	54	28	34 60	51	53	48 57	48	34	41 56	49	23	28	32	37 52	29		58	36.9
CROSSETT 7 S	MIN	25	73	42 75	48	58 78	77	73	33 76	76	53	39	69	30 67	35 50	67	34 62	30 71	68	32 56	63	60	37 63	63	55	26 53	29	72	66	26 59		76	35.5
CUMMINS FARM	MIN	26	29 70	37	71	59 79	65 76	66 75	62 77	36	50	36 63	56 67	41 65	39	47 57	33 59	61	50	46	54 63	50	49	50 61	29 62	25 51	28	70	39 62	28	30 67	35	41.3
DARDANELLE	MIN	63	29 70	37	40 71	57	63	64 71	53	30	19	33	39 57	35 52	36 45	40 56	40	4 l 68	40 61	40	51	52	40	50	27	26	30	35 67	42 58	27	31	39 67	38 • 8
DE QUEEN	MIN	27	27	34 75	43	54	59 78	48	41	29	22	63	70	34	40	43	31	36	40.	42	47 53	47	36	39 51	24	25	30 59	30 72	36	30 62		70	36.4
	MIN	25	25	32	46	61	53	64 75	50	20	18	39	35	41	40	43	23	39	42	43	48	63	35	39 51	23	20	24	28	30	25		27	35.8
DES ARC	MIN	25	33	37	44	50	62	65	43	31	23	28	33	37	25	38	38	36	36	31	43	49	40	43	31	26	28	34	36	33	33	37	37.0
OEVILS KNO8	MAX	38	68	71 50	50	73 55	59	46	32	19	2.2	31	3.8	50	32	36	27	38	27	35	42	39	36	30	23	22	32	41	38	25	36	43	35 - 8
DUMAS 1	MIN	30	73 33	77 42	71 45	79 58	63	75 65	79 57	32	20	39	46	37	47 36 47	36	33	66	43	58	54	60 50	53	49	30	33	31	38	4 4	30	34	41	41.6
EL DORADO CAA AP	MAX	27	72 29	39	73	66	66	73 64	75 41	27	52	43	75	38	36	63	58 31	68	58	44	50	43	47	41	31	23	31	40	63	35	38	36	40.6
EUREKA SPRINGS	MAX	30	71 41	76 52	52	76 60	70 62	67 30	32 29	20	22	56 39	35	23	47 29	36	58	32	22	39	52 45	42	32	32	25	51	29	33		53	33	39	34.8
FAYETTEVILLE	MAX	25	70 30	72 51		75 58	61	31	36 26	28	43 22	55 40	33	25	32	45 34	55 25	58 35	28	53	53 45	47	50 29	48 31	26	51 20	56 30	36	51 38	54 28		37	54.7 34.3
FAYETTEVILLE CAA AP	MAX	60	71 27	74 45	50	76 56	72 57	33	36 22	28			29	3 8 2 6	50 36	34	57	61 31	30	55 45	46	33	52 29		24	18	26	63	32	56 22	25	28	31.6
FAYETTEVILLE EXP STA	MAX	58 32	69 28	72 47	65 50	74 59	69 59		35 29	36 19		55 39	33	51 24		3 3	23	58 36	55 25	43	53 45	48		30		20		- 1			65 26	35	55.1 33.3
FLIPPIN CAA AP	MAX	61 24	75 26	80 34	69 36	79 59	72 51	63 36	37 27	32 21		55 33	56 30	43 28	37	53 39		62 30	48	39	60 45	36	30	57 33			31	36		53 30	69 31		56.8 32.9
FOROYCE 6 W	MAX	63	71 38	72 41	72 52	79 63	75 62	75 67	75 58	70 31			72 46	63 38	51 37			64 43	58 43	55 42		60 46	61 41		53		61 31	70 37			67 36		64.0
FORT SMITH W8 AP	MAX	61 26	71 27			79 59	75 57	61 40	4 1 2 8	34 24	40 21		58 35	4.5 3.3	47 37	45 32	52 25	64 35	48 31	51 41	50 47	53 40	47 39		47 28		5 9 3 2	64 36	55 36	60 31	68 34		56.5 34.7
FT SMITH WATER PLANT	MAX		70 24		70 35		75 56	71 45	45 36	3 8 2 5	42 17		61 30	58 30	47 40	48	52 23	65 29	56 28	54 41	52 48	50 44	50 32	4.8 34	45	54 19		67 25		55 23	64 26	69 29	58.0 32.0
GILBERT	MAX	64	77 20	82 32			75 53	71 41	41 36	3 8 2 5		55 40		55 29	49 31			71 29	55 25	59 41	65 46	58 46	55 30	48 39	48		64 24	71			71 21		60.8 31.4
GRANNIS	MAX	65 32		71 43	69 42	70	69	70	71 44	24	50 18	60 36	65 38	61 39	39	59 39			60 42	60 44		50 42	52 37		53		65 38				68 39	70 35	61.8 36.6
GRAVETTE	MAX	59			67	75 57	70 48	53 27	33 21	28 19		57 37				45 33		53 30			50 42	4.8 3.9	53 32		43		5 8 2 2	62 27			65 24		53.8 30.6
HARRISON	MAX MIN		74 24				76 56	65 30		35 20		58 38	57 27		48	50 35		65 36	46 19		58 42		45 30	52 31	45		6 0 2 5	65 30			59 24		57.0 31.0
HELENA	MAX	58			70		74 60	73 63	73 45	53 31	47 23		65 40	56 38		57 45		65 37	62 36	60 40	63 55		56 40		5 5 3 5		5 7 32				62 37		61.4
HOPE 3 NE	MAX	60	68	73 37			82 64	77 66		74 30		54 25		71 46		4 9 3 9	61 27	59 29	58 46	48	53 44	59 45		52 44			5 6 3 2				59 33		61.7 38.3
											}																						

Table 5 - Continued										ות	. 14 1			VII 1		_															DECEM	MBER	1956
Station						- 1					10	11	12	13	14	Day 15	Of M	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	31	Average
HOT SPRINGS 1 NNE	MAX	1 66	72	3 74 54	71	80	74	7 76	68	9 48	50	58	61	58	58	58	16 56 31	59 43	57	56	59 48	52	50	53	52	54	62	72	65	57	69	69	61.7
JONESBORO	MIN	37 59	70	74	54 70	63 77	74	61	48	38	25	50	50	39 47	38 45	55	51	60	3 9 5 7	41 52	58	55	38 51	38 59	51	28	40 58	67	49 57	34 49	34 59	60	56.8
K E O	MIN	31 64	39 73	77	72	56 80	62 78	62 79	32 62	46	50	60	35 59	34 46	37	55 ,	37 55	36 60	30 59	37 54	65	57	50	48 59	54	52	36 62	70	60	30 54	68	64	39.3
LEAO HILL	MIN	60	75	82	69	58	72	69	38	30	55	62	55	33	36 48	51	53	38 60	38 48	39	57	55	36 48	45	45	55	60	66	53	28	31 69	60	37·3 57·4
LITTLE ROCK WB AP	MIN	64	72	74	32 72	80	77	73	50	39	50	34 58	29 56 39	53	31 45	56	32 54	60	50	53	65	39 51	50	33 57	53	53	61	71	39 57	26 55	68	64	30.6
MAGNOLIA 3 N	MAX	67	74	75	73	80	78	79	74	29	53	68	76 52	71	3 8 46	61 :	34 59	63	60	41 55	60	54	60	38 61	54	56	63	71	67	35 57	70	75	39·4 65·3
MALVERN	MIN	60 27	72	74	39 75 40	63 81 63	77 59	67 77 65	73 50	31 51 30	50 22	40 62 41	60	40 58 39	38 45 38	58	58	38 66	56	45 52 41	50 60 47	43 55 45	50 36	52 41	28 54 26	24 54 21	31 63 28	72 29	42	30 52 28	70 28	70 35	40.6 61.9 37.2
MAMMOTH SPRING	MIN MAX MIN	60	27 73 24	33 80 28	70 32	80 55	72	68	41	37	50 17	52 39	60	53	42	57	26 50 39	34 66 27	56 22	53	58	58 49	58	55 43	50	51 22	58 25	65	57 36	50 29	62	62	58.2 32.5
MARIANNA 2 S	MAX	60 26	70 31	73	70 37	77 56	75 60	76 62	71	48	48	58 37	60	61	46	55 43	54 38	64	60	59 38	63	60	53	64	53	49	58 30	67	60	50	62	65	60.9
MARKEO TREE	MAX	58 27	70 33	74	69	75 56	73 62	70	54	40	43	51 39	54	47	46	52	52 34	57 36	55 30	55 35	60	59	51 45	62 41	57	47	55 31	65	55 42	48	58 31	60	57.2 37.7
MARSHALL	MAX	-	75	,,,	49	76	72	68	41	35	39	51 34	62	56 27	49	51 42	55	68	62	58	,	.,	46	55 35	46	52	60	67	62	30	34	67	57.2 33.3
MENA	MAX	67 33	70 36	71 49	67	76 62	72 62	71 50	58 37	37	48	57	67	59 35	49	55	57	68	54 38	55	52 47	48 43	48	53 35	48	54 25	61	69	56 42	57	67 36	69	59.4 38.2
MONTICELLO 3 S	MAX	65	71 32	74 45	73 47	78 61	76 64	76 66	76 57	75 33	51	66	67	68	48	54 42	64	68	67	61	62 52	60	58 42	61 48	54	52	62	71	69	57	68	72 35	65.3
MORRILTON	MAX	63	72	78 34	73	79 62	75 59	72 54	54	42	49	56 43	55 33	51 35	44	56 42	55 30	68	60	51 41	66	54 48	49	51	51	54 27	59	66	61	56 33	66	64	59.7 38.0
MOUNT IOA	MAX	69	73 23	68	70	79 57	77	75 49	65	39	50	60	65	58	50	60	62	58	49	54	61	54 39	50	46	52	57	63	72	63	60	71 28	68	61.2
MOUNT MAGAZINE	MAX	55	65	60	60	70 55	69	65 45	55 30	30 17	40	48	50 33	40	44	40	59	56 33	52 34	56 39	54 38	58 37	49	45 28	30	46	50 31	31	30	51 25	56 32	51	51.9
MOUNTAIN HOME	MAX	59 31	74 36	79 45	69 47	79 59	70 57	69 39	40	36 24	49 19	52 40	56 34	50 27	45 36	52 39	50	62 34	52 21	49	58 45	54 46	49 35	55 36	44	59 25	58 22	65	57 41	51 33	65 34	60	57.0 35.8
MOUNTAIN HOME C OF ENG	MAX	55 18	58 27	74 30	7 9 35	70 42	79 52	71 56	57 34	37	33 17	50 18	53 33	56 27	53 28	45 37	55	50 32	63	47 24	49	59 46	54 31	46 38	56 25	45 20	53 19	58	65 32	48 34	51 31	66	56.0 31.2
NARROWS OAM	MAX	62	68	73	73 32	72 46	82 52	76 62	80 55	70 29	44	51 20	63	63	47 41	49	62	57 27	61	49	55 45	55 45	55	55 43	43	53 20	57 22	65 22	72 25	60 26	59 28	71	61.4
NASHVILLE PEACH SUBSTA	MAX	59	67 33	73 38	73 41	70 54	80	75 65	79 56	68 28	44	50 24	61 40	69	46 40	48	59	56 29	62 46	49	54 44	53 44	50 39	54 42	46	52 25	55 29	63 34	69 36	59 31	58 33	70 33	60.4 37.7
NEWPORT	MAX	59 29	72 31	77 41	72 44	79 56	76 63	71 50	51 40	47 29	45 25	54 41	53 34	52 36	44 37	55 41	54	61 42	45 36	53 31	63 47	59 50	51 43	60 45	51 30	50 27	60 34	69 35	58 43	51 33	64 34	62 36	58.6 38.8
NIMROO OAM	MAX	60 23	66 28	77 34	79 37	73 47	81 59	75 61	67 45	48	42	51 20	56 31	60	45 35	48 38	58	62 30	70 37	53 40	53 42	62 46	53 33	48 38	48	51 22	62	62	71 32	71 28	60 29	69	60.7
OKAY	MAX	70 26	74 27	77 32	75 58	82 64	78 62	80 69	75 52	52 31	52 19	66 43	78 40	74 45	47 41	60 46	59 24	61 40	60 46	55 45	55 49	61	61 39	56 43	54 28	57 23	66 31	72 31	69 39	60 32	72 29	72 28	65.5
OZARK	MAX	65 22	70 29	77 32	71 42	80 55	74 54	67 45	45 42	41 27	41 28	58 35	56 34	49 33	47 40	50 43	55	68 36	52 33	55 40	52 45	50 46	48 32	4.8 32	49 25	55 28	60 28	65 29	55 35	57 26	65 31	67 31	57.8 34.9
PARAGOULD	MAX	58 28	76 29	75 40	76 56	72 61	70 60	70 45	45 34	38 26	49 24	48 36	54 31	49 32	46 33	51 34	57	53 25	57 26	50 31	59 47	57 48	58	59 46	46	48 28	51 26	64 32	56 39	45 28	56 34	62 31	56.6 35.8
PARIS	MAX	64 25	72 27	76 31	72 41	82 65	77 55	70 43	47 37	39 27	39 20	60 32	59 32	51 30	48 40	50 37	55 26	67 33	55 36	54 42	54 47	50 45	49 36	48 37	48	55 25		65 35	57 40	57 30	68 35	66 31	58.5 35.4
PERRYVILLE	MAX	66 23	67 28	29	72 39	74	73	75 48	63 41	51 29	45 18	58 31	57 28	55 32	45 36	57 42	58 29	61 38	51 38	53 38	60 39	59 38	58 39	55 32	61	55 25		66 31	61 39	49 29	67 40	61 30	59.9 33.4
PINE BLUFF	MAX	64	72 36	74 46	74 49	80 63	78 65	78 66	76 48	4 8 3 2	52 25	68 41	63 42	60 38	45 38	57 44	54 36	64 42	58 42	56 42	64 51	59 48	55 42	57 44	54 31	54 28		71 38	60 44	55 31	69 37	66 40	62 • 8 41 • 7
PINE BLUFF CAA AP	MAX	64 29	73 33	76 42	73 44	80 63	77 65	78 54	76 40	40 28	50 22	68 41	64 42	55 36	46 38	57 38	57 36	63 42	55 41	56 42	65 51	54 42	55 42	60 40	54 29	54 27	62 30	71 38	61 39	54 30	69 34	67 38	62 • 4 39 • 2
POCAHONTAS 1	MAX	60 26	70 27	77 36	70 39	78 56	73 60	71 47	49 35	39 27	45 23	50 40	53 34	47 31	48 34	56 41	54 32	61 30	56 26	56 36	56 45	55 43	50 40	59 45	50 27	48 23	60 32	68 31	54 40	49 27	60 28	60 32	57.5 35.3
PORTLANO	MAX	58 22	65 27	77 31	76 40	75 45	76 60	77 64	70 60	75 38	47 24	53 24	64 45	69 50	52 40	51 40	67	61 36	75 47	54 42	64	63 51	58 42	62 42	5 9 3 1	55 28		63 31	72 36	66 31	55 32	70 34	64.0 38.7
PRESCOTT	MAX	59 18	64 27	72 28	75 36	72 48	81 60	78 61	80 52	72 28	42 18		62 42	68 44	50 34	50 28	51 29	60 40	58 40	50 43	52 43	60 45	52 40	55 40	56 25	50 23		58 28	72 38	62 30	58 30	72 32	61.2 35.3
ROGERS	MAX	60 28	70 2 7	74 44	66 49	74 60	70 58	65 30	33 30	30 20	44	56 38	49 23	50 30	47 24	56 35	56 35	53 23	52 30	50 43	47 42	47 31	46 34	44 25	50 23	51 24	5 7 30	63 35	52 38	53 28	63 33	59 39	54.4 33.3
RUSSELLVILLE	MAX	64 26	71 26	78 31	72 40	80 61	75 55	72 47	49 41	41 28	45 22	58 38	58 32	55 34	46 39	56 43	55 30	69 35	60 38	53 43	55 48	49 47	50 35	49 39	49 29	54 25	59 29	66 28	59 37	55 30	67 29	66 29	59•2 35•9
SAINT CHARLES	MAX	55 26	63 33	71 44	75 45	73 52	79 63	78 65	76 48	76 32	35 22	50 25	66 39	64 41	42 35	50 38	56 32	58 36	65 41	49 39	63 43	62 50	55 38	55 45	65 32	53 26		59 33	69 39	59 31	51 34	65 36	60.9 38.5
SEARCY	MAX	63 29	72 30	77 37		80 61	75 5 9	72 57	5 7 40	41 30	46		53 34	52 36	45 37	56 42	55	58 36	57 35	57 40	66 48	60 49	50 42	58 45	5 1 30	51 24		68 33	60 44	52 33	65 29	63 33	59.5 38.4
SHERIOAN TOWER	MAX	66	68 34	72 35	75 37		80 64	80 65	75 50	55 34	62 19	61 36	60 36	60 35	34	60 32	61 30	60 39	47 39	55 42	64 47	64 48	55 42	55 48	55 25	54 29	62 29	73 31	30	32	70 35	70 30	63.7 37.3
SILOAM SPRINGS	MAX	60 22	72 27	74 30	68 50	75 58	70 57	68 29	33 26	28 19	44 20	58 39	59 35	51 23	49 28	46 35	54 21	55 36	50 26	50 42	51 44	47 41	52 32	48 31	42 23	52 19		63 27	52 38	51 25	66 26	60 33	55.0 31.8
STUTIGART	MAX	63 31	71 33	75 37		80 58	77 64	79 65	70 48	49 31	50 24		61 37	61 41	48 36	55 44	56 38	64 41	5 8 4 0	58 41	57 49	61 50	56 40	61 50	54 30	53 29	62 34	70 27	59 39	55 35	66 30	66 36	62.2 40.0

Ta	ble	5 -	Con	tinued	

Table 5 - Continued														_																	DEC	CMOL	R 195
Station																Day	OI M	onth															969
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
	MAX		60 30			68 48	77 59	76 63	77 45	69 30	36 23	47	63	60	41	48	53 34	54 38	65 39	47	58	61 47	51 39	52 42	60	51 25	48	5 8 3 4	67 36	58 28	51 30	63	56.5
SUBIACO	MAX MIN		64 34		72 40	80 65	77 57	71 43	48 38	39	3 9 2 0	58 37	60	55 33	4.8	50 36	53	67 35	60 35	54	54 46	51 45	49	47 37	48	54 27	5 8 2 9	64	60 37	56 31	67	6 6 3 5	58 • 2 36 • 4
	MAX MIN	67 36	73 36	75 47	73 55	81 65	79 66	81 61	73 36	43	53 24	66 50	77 54	60 41	47	59 35	58	62 50	57 47	56 46	55 47	53 45	61 44	53 35	53	57 27	65 35	71 38	63	60 36	71 39	75 41	63.6
	MAX MIN	57 38	65 45	67 51	70 54	72 57	67 59	63 42	42 32	39 19	39 23	48	53 39	52 25	43	48	46 26	61	50 28	53 36	50 42	47 40	47 40	47 32	40	45 25	51	60 41	51 38	45	56 39	58 43	52.6
	MAX	65 24	75 23	78 31	72 36	80 65	74 58	73 44	46 37	3 7 2 2	49	59 45	65 30	63	51 40	52 42	59 22	71 38	60 38	5 8 4 3	55 48	52 45	50 34	47 37	49	57 22	62	69 26	65 32	5 9 3 3	70 29	67 29	60 . 9
	MAX MIN	59 27	73 33	75 39	68 44	78 58	73 62	70 38	3 9 3 5	35 27	44 24	50 37	54 33	44 33	43	54 42	49	62 37	44	51 38	57 47	53 47	49	60 37	48	46 26	5 8 3 3	66 35	51 33	48	58 31	59 32	55 · 4 36 · 6
	MAX W1N	64 28	72 33	74 44	74 47	80 62	76 66	77 66	76 64	68 34	5 1 2 2	67 38	71 52	67 38	46	57 45	5 8 3 4	67 42	58 45	55 43	64 52	58 48	62	58 47	54 31	53 28	62 32	70 39	63 45	53 33	68 36	72 34	64.4
	MAX M1N	57 40	67 44			71 55			46	30 18	39	50 34	54 41	51 25	4.4 3.3	40 32	47	62 38	49	55 38	5 1 4 3	43 38	46 37	44	41	49	56 35	63	54 38	49	60 45	62 46	52.9
	MAX M1N																																
	MAX MIN	59 25	69	75 43	70 48	77 59	75 63	71 63	65 38	4.5 3.0	45	53 40	54	51 34	46	53 43	53	60	57	57	60	58 49	51	63	50	46	5 7 3 0	65	57	48	60	64	58.5

Table 6

EVAPORATION AND WIND

																	Day o	i mor	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
BLAKELY MOUNTAIN DAM	EVAP	- 19	- 18	- 20	.07	.07			.08					.03			.06						16	17	65	48	12			.10		.03	
HOPE 3 NW	EVAP W1N0			.06			.09				.02			.02			.07				62										.10		
NARROWS OAM	EVAP	19	27	17		.03									.06	.00			.04		.00	.06				53	- 20	19	20	- 81	- 29	_ 23	120
NIMROD DAM	EVAP	33	_ 15	- 22	.09		.12		- 23	- 90	- 32	15				.03	.06 56				* 4		.05		124	68	32			-15 98	.05		
RUSSELLVILLE	EVAP WIND		.07	.04	.03	.09			.00					.04					.08			- 16	- 34	43	14	19	18	30	- 26	- 7	7	-	48
STUTTGART 9 ESE	EVAP		- 9			.08					21						.01		.01			.01 73					ø 29		.08	80	53	.22	

Table 7

SNOWFALL AND SNOW ON GROUND

																Day	of m	onth													
Station		1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
EUREKA SPRINGS	SNOWFALL SN ON GND																T	T						Т							
FAYETTEVILLE CAA AP	SNOWFALL SN ON GND								T																						
ROGERS	SNOWFALL SN ON GND								T																						

TABLE 2																				0E	LAY	Ε0	DATA
				Ter	npera	ature										P	recip	itation					
				Ī	-				60	N	To. of	Da	уs			,		Snow	, Sle	et	No	of	Days
Station	Average Maximum	Average Minimum	Average	Departure from Long- Term Mean	Highest	Date	Lowest	Date	Degree Days	-	32° or X	-	fin. Moleg	Total	Departure from Long- Term Mean	Greatest Da	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
MAY 1956																							
OELTA 01V1S1ON 8LYTHEVILLE	82.8	61.1	72.0	1.8	93	30	47	1	18	6	0	0	0	1.95	-1.64	1.12	15	.0	0		5	1	1
JUNE 1956																							
BLYTHEVILLE	88.5	64.3	76.4	-1.6	98	24	46	2	6	16	0	0	0	3.01	66	.75	15	.0	0		8	2	0
JULY 1956 PARAGOULD	93.0	67.7	80.4		101	26	55	11	0	23	0	0	0	1.18	-2.04	.50	24	.0	0		4	1	0

DAILY PRECIPITATION

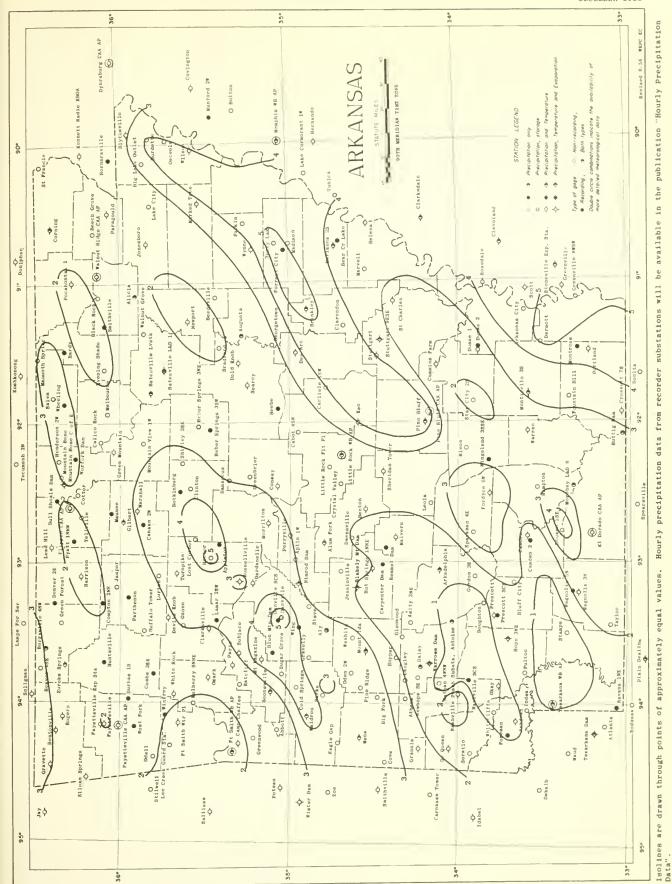
ľα	1_1	-	0

0	[ā													Da	y of r	nonth																
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APRIL 1956 MARVELL	8.01				. 95		1.55				. 89	.05																			4.57	
MAY 1956 BLYTHEVILLE	1.95		. 27	.02				Т							.01	1.12	.05			.01	. 14				.12		.07	.04	.10			
JUNE 1956 BLYTHEVILLE	3.01	. 20												.06	. 46	. 75	. 25	.07			. 11					.29	. 31	.5i				
VJULY 1956 PARAGOULD	1.18					.05			.07											. 24	. 18	.12			. 50			.02				

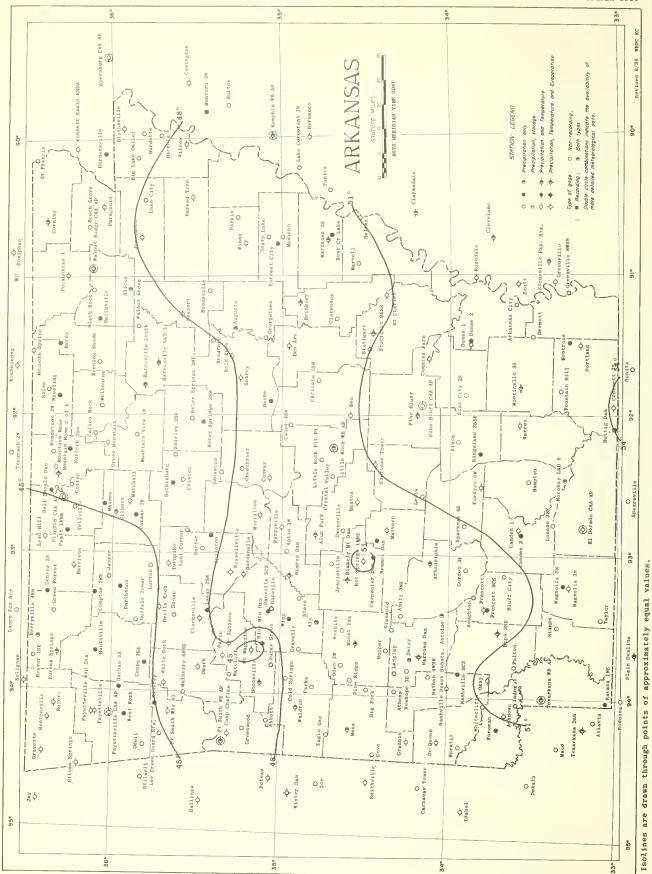
Table 5

DAILY TEMPERATURES

Station								_								Day	Of M	lonth															age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
MAY 1956 8LYTHEVILLE	MAX MIN	65 47		77 54	75 56	87 56	85 67		75 50	84 57	86 65	88 69	90 68		83 65	74 58	70 52	87 55	87 58	85 63	84 61	91 65	92 67	90 64	73 55	74 55	82 63	88 65		92 66	93 67	86 69	82.8 61.1
JUNE 1956 8LYTHEVILLE	MAX MIN	80 54		77 50	83 54	86 58				92 66	91 65	92 64	89 67		81 63	85 62	86 67	90 66	92 68	93 70	94 72	95 73	96 71	95 70	98 70	86 67	92 67	96 66		87 64	93 67		88.5 64.3
JULY 1956 PARAGOULO	MAX	94 71	94 69		96 70	89 68			94 67	90 69	84 56	87 55	93 64		95 67	100 73	97 75	96 73	92 64	96 63	92 65	87 63	86 64	84 67	88 69	95 70	101 70	100 73		94 68	92 69	96 67	93.0 67.7



- 157 -



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							01					_
	No.		÷ 0		de	п		ion			Refer	
Station	Index N	County	Drainage	Latitude	Longitude	evation	ешр.	dipe	Observer		to tables	
Abbott	0006	Scott	١,	35 04	94 12	624	Ē.	2	James V Billians Ruby B Owens	1		
Alicin Alum Fork Aly Amity 3 YE	0064 1 0130 5 0136 0	Saline Yell	- 1	35 54 34 48 34 47 34 17	91 05 92 52 93 29 93 25	256 755 854	5P	7 A 7 A	Roba Y. Swaim Mrs Alta F Garner		5	
Aplin 1 # Appleton Arkadelphim Arkansas City	0234	Perry Pope Clark Desha	1 3 2	34 02 34 58 35 25 34 07 33 37	93 25 93 00 92 53 93 03 91 12	285 400 522 200 145	6P	8A 7A M1D 7A 8A	Drew A Lamb Hobart Watts John A. Jones Hillms E Lawrence John B Tranmeli	2 3		
Augusta Bald Roob Batesville Livestock	0328 1	Little River Howard Wondruff White Independence	7 7	33 40 34 19 35 17 35 18 35 49	94 08 93 58 91 22 91 34 91 47	329 960 218 230 571		7 A 7 A 6 P 9 A	Southwestern G & E Arra D. Parker David G. Griffiths Univ of Arkansas Univ of Arkansas	2 3 2 1	5	
Bear Creek Lake Beaty Lake Beaver 1 SE	0460 0496 0512 0518 0530	Independence Lee St. Francis Carroll White	7	35 45 34 43 35 05 36 28 35 04	91 38 90 42 90 43 93 46 91 53	277 220 400 930 250	5P	7 A W1D 5 P 7 A W1D	James J. Witchum U.S. Forest Service L. G. Admason Harvey E. Skelton Lowell E. Perkiss	2 3		
Beech Grove Beedeville Benton Bentonville Berryville 4 NB	0536	Greene Jackson Saline Benton Carroll	7	36 09 35 26 34 33 36 22 36 26	90 38 91 06 92 37 94 13 93 37	298 221 285 1295 1150	6P 6P	8A 8A 8A 7A 7A	D B Hammond P. M Breckinridge Mrs. Etta C. Burks Earle L. Browne David L Stidham	3 2 2 3 2 3	5 5	
Big Fork	0664 0676 0746 0764 0798	Polk Mississippi Lawrence Garland Yell	3 5 7 3	34 29 35 51 36 07 34 36 35 06	93 58 90 08 91 06 93 11 93 39	1100 228 259 426 455	8.A		Anna M. Liles N. W. Douglas Lee m. McKenney Corps of Engineers Corps of Engineers			
DI 44 DI D DE	0000	Nevada Mississippi Logan Van Buren Nevada	-	33 41 35 56 35 09 35 39 33 52	93 09 89 55 93 55 92 30 93 20	360 252 511 1200 235	6P 7P	7 A 7 A 7 A W1D	Paul M. Adams lvy W. Crawford Cleo E Yandell Thomas W Pearwon lris Elmore Wicker	2 3 2 3	5 7	
Bradford Brinkley Buffalo Tower Buil Shoals Dam	0872 0936 1010	White Monroe Newton Baxter	7 7 7 7	35 25 34 54 35 52 36 22 35 49	91 28 91 10 93 30 92 34 89 57	240 205 460 240	5P		Marshall Hickmon Robert D. Schnefer Beulah F. Fowler Corps of Engineers G. A. Hale	2 3 3	5 7	
Cabot 4 5W Calico Rock Canden 1	1102 1132 1152	Pulaski Izard	7 7	34 57 36 08 33 36 33 35 35 18	92 04 92 08 92 49 92 51 94 18	289 400 116 153 419			B M. Malther Austin D. Harris Leonard B Dillwort Edith Z. Lehmun U S Army			
Canaan 2 W Carlisto 1 SW Carpenter Dam	1188 1224 1238	Searcy Lonoke Garland Monroe Johnson	7 1 3 7	35 52 34 47 34 27 34 41 35 28	92 44 91 45 93 01 91 18 93 28	235 - 172 436	6 P	W1D 8A W1D 7A 6P	CLOSFD John L. Tait Ark. Per & Lgt Co B. F. Northern Dr. Irving F Beach	1 3 3 2 3	29 16	
Clinton	1492 1520 1574	Van Buren	3 7 7	35 35 34 58 35 48 36 06 35 05	92 28 93 54 93 48 93 18 92 28	510 1250 1400 2166 316		7A 7A MID MID	Earl B Riddick Margaret Zornes Maude C Drashears William L. Binam	3		
Cotter	1632 1640 1666 1730 1750	Clay Baxter Poik Ashley Pulaski	7 4 3	36 24 36 17 34 26 33 02 34 42	90 35 92 31 94 25 91 56 92 26	293 440 1050 175 350	7 A 5 P	7A 7A 7A 5P 7A	Clarence S. Williams Mrs. Laura Polk Robert T Fielding Joe C Allen U.S. Forest Service Virda Byrd	2 3 3 2 3 3	5 7	
Cummins Farm Daisy Damascus	1768 1814 1829	Lincoln Pike Faulkner	1 1	34 08 34 14 35 22 35 03 35 04	91 35 93 45 92 25 93 24 93 24	176 629 705 370 310	6P	5P 7A 7A	Cummins Prison Farm Ferna Jones Tedder William A. Brown J. A. Moudy Soil Conserv. Serv	2 3	1 5 3 1	С
Dardanelle De Queen Dermott Des Arc	1838 1948 1960		4 2 7	35 13 34 02 33 31 34 58 35 43	93 09 94 21 91 26 91 30 93 24	330 420 140 204 2350	7 A 5 P	. 7A	Gretchen Goodier D. Tucker VaxSer L. B Bilson C J. Bister Earnest C. Campbell	2 3	5 7 3 5 3 5 7	
Dumas 1 Dumaa 2 Eagle Gwp "El Dorado CAA AP Eureka Springs	2300	Desba Scott Union Carroll	2 2 1 3 7	33 53 33 53 34 43 33 13 36 24	91 30 91 30 94 19 92 48 93 44	162 165 1150 252 1465	7 P H 1 D 6 P	7P W1D 7A W1D 7A	Ben Johnson Ark Per & Lgt Co. Station Inactive U. S Civil Aero Add Mabel F Sprsy Doha Welfe	2 3	3 5 7 3 5 7 3 5 7	c c l
Evening Shade Fayetteville Fayetteville CAA AP Fayetteville Exp Sta Flippin CAA AP	2366 2442 2443 2444 2528	Sharp Washington Washington Washington Warinn	7 1 7 1 7	36 05 36 05 36 00 36 06 36 18	91 37 94 10 94 10 94 10 92 36	490 1370 1253 1270 700	7P R1D 5P W1D	7 A 7 P W1D 5 P W1D	Dpha Wolfe Charles F Ford U.S Civil Aero Adm Univ. of Arkansas U.S. Civil Aero Adm	2 3 2 3 2 3 2 3 3	5 5 5 3 5 7 3 5 3 5 7	
		Dalias Little River St. Francis Sebastian Crawford	3 4 5 1	33 49 33 43 35 01 35 20 35 39	92 31 94 24 90 47 94 22 94 09	280 400 261 458 793	SP WID SP	7 A		2 3		CCC
Fountain Hill Fulton Georgetown Gifbert Glenwood	2670 2760	Ashley Hempstead White Searcy Pike	3 4 7 7 3	33 21 33 37 35 07 35 59 34 20	91 50 93 48 91 26 92 43 93 33	175 260 200 595 547	6P	9 A 7 A 7 A	Myrtle I Peice		3	c ,
Granniw Gravelly 2 ESE Gramette Green Forest Green Wountain	2908 2922 2930 2946 2952	Polk Yell Benton Carroll Stone	7 7	34 14 34 52 36 24 36 20 36 02		920 498 1250 1350 1100	33 33 74	7.A		10	3 5 7 3 5 7 3 56	
Greenbrier Grwenwood Gurdon 3 E Bampton Bardy		Fwulkner Sebastian Clark Calhoun Sharp		35 14 35 13 33 54 33 32 36 19	92 23 94 15 93 06 92 28 91 29	360 518 290 202 362			Marvin C Cantrell Dorothy M Been Roy S. Robbs Soil Cons. Service Theresa Donaldson		3 3 3 3	C
Harrison Beber Springs 3 NF Beber Springs 3 SW Hector Belena	3228 3230 3235 3242	Pope Phillips	7 7 7 1 2	35 32 35 28 35 28 34 32	92 5R 90 35	1150 525 - 555 200	6 P	7A W1D 7A 7A	Bem Gray Beene Lestwr B. Logan Wayne Stark Irene B. Timko Charley M Friddell	2	3 5 3 3 3 5	C
Benderson 2 * Rope 3 NE Bopper Horstio Bot Springs 1 NNE	3428 3438 3442	Baxter Hempstend Montgomery Sovier Garland	- 4	36 22 33 43 34 22 33 56 3 34 31	93 03	580 375 700 337 710			Lucy A Bentzien Cecil W Bittle Lons A Shields Elizabeth W Friday Natl Park Sersice	2	3 3 5 6 3 3 3 5 7	
Suptaville Suttig Dam Index Jasper Jessievills	3556 3584 3600 3704	Madison Union Little River Newton Garland		38 05 33 02 33 25 36 61 3 34 42	94 03 93 11 93 04	1453 60 300 857 730		8 A 8 I 7 I 7 I	May Pearl Markley Corps of Engineers W. E. McDowell Lottie B. Davis Lura B. Sykes		3 3 3 3	CC
Jonesboro Reo Ringsland 3 SSE Lakw City Lamar 2 SW	3904	Craighead Lonoke Cleveland Craighead Juhnson		7 35 SD 1 34 36 3 33 50 5 35 49 1 35 26	92 00 92 16 90 26 93 25	230 350	6F 78	7 7 6 W 1 E 7 7 W 1 E	Benedictine Sixtwrm R, 4. Waller Claude W Hunter Tressa St Clair Pewch Emp. Station	2 2	3 5 7 3 5	c
Langley Lead Bill Lee Creck Guard Sta. Leola aLittle Rock #8 Airport	4116	Boone Crawford Grant		3 34 19 7 36 24 1 35 42 3 34 10 1 34 44	92 54 94 19 92 35 92 14				Mabel F Forrester F, W Rellogg U.S. Forest Service J R Khodea D.S Ceather Bureau	2		7 C
Little Rock Filt. Pl. Lomt Corner Louann 2 SE Lurton Wadison	4324 4332 4386	Pulaski Pope Dnion Newton St. Francis		1 34 46 7 35 34 3 33 22 7 35 46 5 35 00	92 50	1550		H 12 7: 61 8.7	EL R Bater Works Cathwrine Kuaswil Flora A Basilton Lois f. Dollar Loren K Jones		3 3 3 3 3	

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										ser-					
	ö			- fb			0	d		non			Re	elei	
Station	No.	County		90	de		tro	to			Observer			to	
	Index			Dramage	Labhide		ongritude	Elevation	O.	dipe			tal	ole	3
			6	5	3		3	园	Tem	ď.					
Magnolis 3 8 Magnolis 5 8 Malvern Mammoth Spring Marianns 2 8	4548	Columbia		4 3	3 19	9	3 4	115	1.5		turl & Graham	,	1 5		
Walvern	4562	Hot Spring		4 3 3 3 7 3	3 20 4 23 6 29	9	2 49	360 311	5P	1 P	Malvern Fire Dept		1 5		
Walvern Wammoth Spring Warianna 2 S	4638	Lee		7 3 5 3	6 29		1 32	690 234	55 6.P	7 A 6 P	Farl E Graham Ark Per & lgt Malvern Fire Depi John H McKee Univ of Arkansas				
Narked Tree	4654	Poinsett		5 3	5 32	9	0 5	229	6P 58	7.A	W. line W. rick	2			
Marshall Marvell	4666 4678	Searcy Phillips		5 3 7 3 7 J	5 32 5 54 4 33	9	2 38	1050	58	7 A 8 A	Mrs. Minie Hort Sterlin Wallace	2			
Maunee Melbourne	4696 4746	Searcy 1zard		7 3	6 03	9	2 39	195 749 610		WiD A	W line M rick Mrs Minie Hort Sterlin Wallace He en b *dam lvan L Shrader				
Mena	4756	Polk		,1 3 3 3	4 35	9	4 15	1207 285	6P 5P	7 A	E W St John Arkansas A & W 'ol Ark, Per & Lg? 'orps of Enginess Emma S Lenve	į.			
Monticello 3 5 Montrose	4900	Anhley		3 3 3 3	3 35	9	1 48 1 29 2 27	285 125	5P	5P W10	Arkansan A & M 1				
Mena Monticello 3 5 Montrose Morobay Lock & Dam Morr Iton	4934	Polk Drew Ashley Calhoun Consay		3 3 3 3 1 3	3 19	9	2 27	8 2811	5P	7A 7A	temps of Engineers				
Wount 1da	1988	Montgomery		. 3	4 33	9	3 38	663		5P	W. lian E. Blnck		1 5		
Mount 1da Mount Magazine Mountain Home Mountain Home of F Mountain Vice 1 E	5010 5036	Logan Baxter Baxter		1 3 7 3 7 3 7 3	5 10 6 20 6 20 5 52	9	3 41 2 23 2 23	2800 800 800	7A 7P 7P 8A	7 P 7 P	W liam E Black L.S Forest Service harles Shiras Corps of Engineers Nell A, Tapley	í	1 5		
Mountain Home of F	5038 5046	Baxter		7 J 7 J	5 52	9	2 23	800 768	H.A	8 A	Corps of Engineers	2	3 5	6	
44.44	5072	Pranklin		9 7	5 24		4 01	400							
Narrows Dam Nambyille Peach Substa	5110	Pike Howard		3 3	4 10	9	01 43 03 56	425	8 A 7 A	HA 7 A	Corps of Engineers				
Holberry & NWE Marrows Dam Nashville Peach Substa Washville SCS Nathan 4 BWE	5114	Honard		4 3	3 57	9	3 51	425 550 373 550		1110	Henry G Arvin Corps of Engineers Univ of Arkshams Soil Cos Service Edns J Westfall				
	£1774	D. I					13 50	850							
Hewhope 3 E Hewport Nimrod Dam	5186	Jackson Perry Buxter Washington			14 14 15 36 14 57	3 9	1 17	225 470 425	35 8A	7 A	Finie F Mard Luther D Sussers Jr Corps of Engineers Corps of Engineers Mrs Benzo Horst				
Norfork Dam Odell	5228	Baxter		7 3	6 15	5 5	12 6	425 1500		WiD	Corps of Engineers				
01 - 0 7							3 48								
Oden 2 * Okay Omceolm Omenav lie Ozark	5376	Montgomery Howard Mississippi Saline Franklin		4 3	3 46		13 53	800 300 250 500	5.P	5P	Lorrets W. Jacob on J. T. Hargis Alwyn A. Cowan Guy Cook Burns Wakefield	2			
Omenny lie Ozark	5498	Saline		4 3 3 3 3 3 3	5 43 14 37 15 29	9	12 44	500 396	6.0	8 A	Guy Cook				
							3 30	1900	6 P	0.A	Burns *akerield				
Ozone Paragould	5562	Johnson Green Logan Cross		1 3	0.04	1 1	00 29 03 45	275	4 P 53	4 P	Waurice B. Brandt Radio Station KDRS Fred J. Girard Corine D. Gardner Bommr K. Hanward				
Paris Parkin 2 s Parks	5586	Cross		1 3	5 18 5 16 4 48		00 35	222 668	33	7 A	Corine D Gardner				
		Scott								7.A	Boner E Hanward				
Parthenon Perryville	5602 5694	Perry Jefferson Jefferson Montgomery		1 3	5 57 5 00 4 12 4 10 4 35	1 9	13 15 12 49 12 00	925 325	5 P	11D	Arthur D. Carlton Francis Finkbeiner Mary T. Scheu U.S. Civil Aero Ada J. R. Huddleston	2	3		
Parthenon Perryville Pine Bluff Pine Bluff CAA AP Pine Ridge	5754 5756	Jeffermon Jeffermon		1 3	4 12 4 10 4 35	9 9	11 56	325 215 205	5P 7P W10	7.6 W1D	US Civil Aero Ha	2	3		
								840		7.4	J R Huddleston				
Portland	5820	Randolph Awhley		7 3 3 3 3 3 7 3	6 16		0 59 0 30	330 122 318	5P 7 A 7 A	7 A 7 A	Benedictine Sisters Mrs. Pearl Newton R P Hasby Soil C on Service Ons V McLean	2 2 2	3 3		
Prescott Prencot SCS Pyatt 1 NNW	5908	Awhley Revada Nevada		3 3	3 48	1 9	3 23		7.4	7A W10	R P Hasby Soil C on Service	2	3 5		2
	15970	Marton				5 5	2 51	800		WID	Ons V McLean				
Ratcliff Ravana 1 VE Beamel Dam	6008	Logan Willer		1 3	5 1H	1 9	3 53 4 02 2 54	463 250		7 A W10	Lula M Weeks Bonny L Allen Ark Per & Lgt C J H Yanny				
Bimon	6102	Willer Hot Spring Cleveland Benton		4 3 3 3 3 7 3	3 04 4 26 3 57	1 9	12 11	231		W10 8 4	J H Yanny Howard Fowler		3		70
Rogers						9 9	4 07	1387	86	8.5	Howard Fowler	2			
Sussellville Saint Charles Saint Francis Sales	6352	Pope Arkannas (lay Fulton White		1 3 7 3 5 3 7 3 7 3	5 18 4 23 6 27	9 9	03 OK	360 200 300	5 P 8 A	5P BA	U.S. Firest Service Fish & Wild ife Serv William S. Buck ey Jan. B. Caldwell Adam C. Melton	2	3 5		
Saint Francis Sales	6403	Fulton		5 3 7 3	14 23 16 27 16 23 15 15	9	00 08	668		7 A 7 A	William S Buckey Jan. B Caldwell		3		
Senicy	6506	White					1 44	245	5P	7.6	Adam C Welton		3 1		
Sheridan Tower Shirley 3 SE Siloam Springs Smithville Sparkman 4 E	6566 6586	Grant Van Duren Benton Lawrence Dallan		3 7 7 7 3	4 27		2 21 2 17 4 33	290 910	6 P	6P 7A	Ark Forwatty Command Haud H. Bradford John Brown Univ A. B. Richardson Mrs. Rachel Butler	2	3 3		
Siloam Springs Smithville	6624 6698	Benton		1 3	6 11	1 9	11 18	1150	7 A	7A W1D	A B. Richardson	5	3 1		
							12 48	260					3		
Stamps Star City 2 5 Steve	6804	Lafayette Lincoln Yell Arkansas Arkansas		4 3 3 3 1 3	3 22	2 9	3 30 1 51 3 19	270 392 682		7A 7A	Hubert Baker Ark Forestry Comm		3		
	6856	Yell Arkansas				3 9	11 32	682	6 P	7 A	Ark Forestry Comm T P Simm George L C ark Univ of Arkansas	2	3 5 3 5		
Stuttgart Btuttgart 9 ESE					4 21	1 5	1 25	214 198	7 A	7.A	Univ of Arkansas	2			
Subiaco	16928 7038	Logan Columbia Miller		1 3	5 18	9	3 39 3 27	500 247 361	33	7 A	New Subiaco Abbey Idel a O Normond U.S. Weather Bureau U.S. Forest Servi e William D. Bivens	2	3 5		
Taylor Texarkana WB Airport Turnpike	7048	Willer		1 3 1 3	3 05 13 27 15 40	9	14 00 13 05	361 2087	MID	₩10 6P	U.S. Weather Bureau U.S. Forest Service	2	3 5 3 5 3 5		
Maldron		Pope Scott		1 3	4 54	9	4 06	2087 675	5P	5 P	William D. Bivens	2	3 5		
Walnut Grove Walnut Ridge CAA AP Warren	7524	Independence	r	7 3 3 3	5 51		01 21	250 272	WiD	6P	A H Fast U.S. Civil Aero 4dm	2	3 5 3 5		
Warren Washita	7582	Lawrence Bradley Wontgomery Washington		3 3 3	6 08 3 36 14 38	5 5	92 04	27.2 20.6 610	6 P	HP ZA	A H Fant U S. Civii Aero 4dm Charley L Sharp Norm Lee Mayberry Effie D. Little	2	3 '		
West Fork				7 3	15 55	5 5	94 11			MID	Effie D. Little				
Wheeling White Rock Whitecliffs	7744	Fulton Franklin		7 3	6 19	8	31 52 33 57 34 04	680 2285	5 P	MID 7A	Thomas W Come U.S. Forest Service L. W Snead D. O. Anderson Miles B Turner	2	3 '		
Whitecliffs	7812	Franklin Sovier Mississippi		4.3	13 48	5 9		2285 290 237 350	5P	7.4	L M Snead D. O Anderson	2	3 :		
Wilmon Wing		Wisnissippi Yell			15 34		93 28								
Wynne Yellville	8052	Cross Warton		5 1	5 13 6 13	3 9	00 46	260 760	58	55 7A	Wm M. Courtney Jess Ry Johnson		٦,		
	0-114														
				1	ET S	STAT	1085								
Lake Maumelle	4010	Pulaski		1 :	34 51	1 1	92 29			BA	ittle R-k W wk				

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819, Little Rock, Arkansas, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location.

Water equivalent samples published in Table 7 are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record. Water equivalent of snow on the ground is measured at selected stations when two or more inches of snow are on the ground.

Data in Tables 3, 5, and 6 and snowfall in Table 7, when published, are for the 24 hours ending at time of observation. The Station Index lists observation times in local standard time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Consult the annual issue of this publication for interpolated monthly totals.

 And also on a later date or dates.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 Data based on observational day ending before noon.

 Adjusted to a full montb.

 In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in "Hourly Precipitation Data".

 Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall. One to nine days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full montb.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

 Trace, an amount too small to measure.

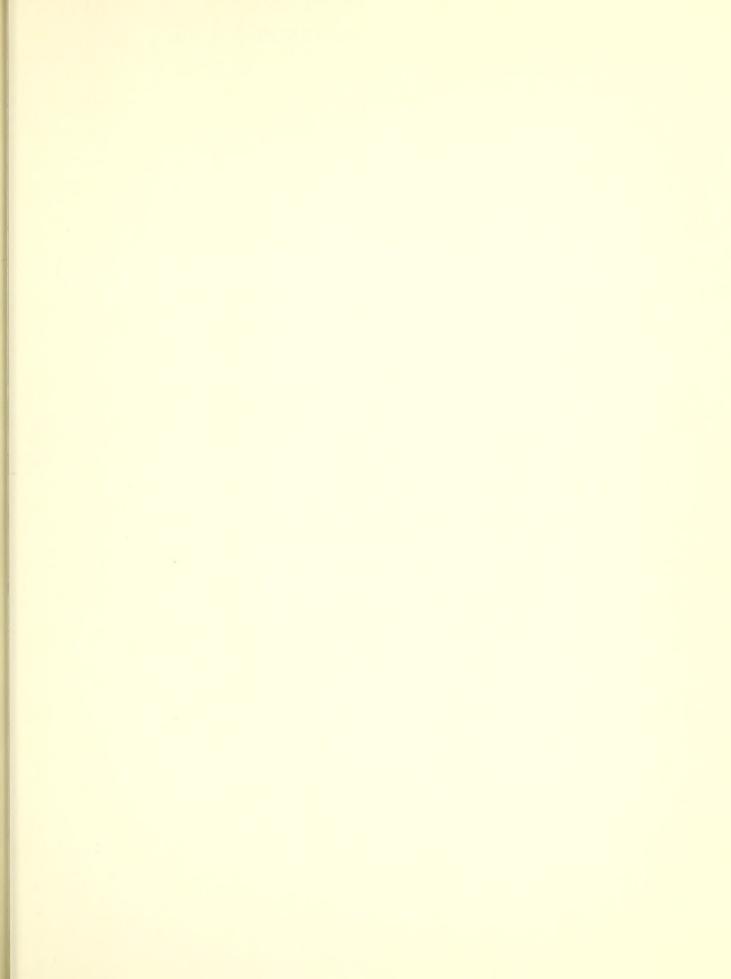
- R

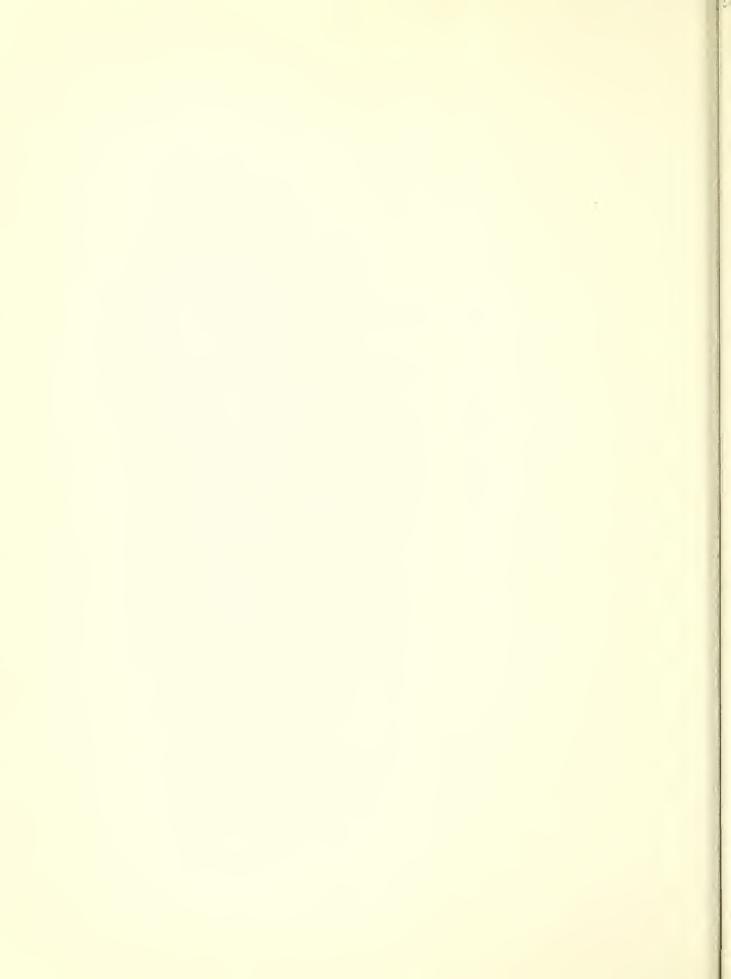
- Ifface, an amount too small to measure. Includes total for previous month. This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 45 cents. Similar information for regular Weather Eureau stations may be found in the latest issues of Local Climatological Data Annual, obtained as indicated above, price 15 cents.

NWRC, Asheville, N. C. -- 2-5-57 -- 1000





U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ARKANSAS

ANNUAL SUMMARY 1956 Volume LXI No. 13



WEATHER SUMMARY

During 1956 precipitation was near or below the long-term mean at most stations all months except February with copious rainfalls. The cool spring and warm summer were among the major features that contributed to a warmer than usual year in most localities. During the growing season, crops suffered at various times from the northeastward creeping drought. In the late summer rainfall diminished to near record dry weather in September at most stations. After excellent harvesting conditions a crop valued at 23 percent more than the 1945-1954 average had been gathered. However, the 1956 crop produced was six percent smaller than the 1955 value.

January continued a droughty condition until mid-month. The rivers were near record lows, stock water scarce, soil moisture nearly depleted and forest fires numerous. western and northern stations recorded several inches of snow on the 18th as the drought was broken. Among the many moist days following were some with severe storm activity, tornadoes, hail, wind and excessive rainfall to cause considerable damage on several dates in late January and February. The greatest 24-hour rainfall of 7:00 inches occurred at Alum Fork during the 24-hour period ending at 5:00 p.m. January 29th. Several instances of flooding were reported during February. At the beginning of March, soil moisture was adequate, cisterns and ponds full, pastures green and winter grains growing. During March farm work progressed rapidly with oats sowed, orchards pruned and corn planting begun. Pastures grew rapidly; milk production increased; fruit prospects were the best in years; and the farmer had excellent crop prospects for 1956. Cool and pleasant April continued an optimistic farm prospect into one of the hottest Mays of record. Temperatures at Little Rock averaged the highest for May since 1918, at many other stations this was the hottest May since 1902. Rainfall was deficient; evapo-transpiration was high and crops and pastures began to suffer from lack of moisture in some southern counties. The warm trend continued through June, July and August with rainfall quantities diminish-ing through the summer. More areas began to suffer from dry weather and by the end of July soil moisture was low in most Arkansas localities. Corn fired, sorghum grew slowly, pastures declined and irrigation was increased until cooler weather and showers came August 19th. The autumn harvest now coming under way experienced sunny dry weather through October. These excellent harvest conditions dried pastures to a brown brittle carpet and cattle were put on supplemental feed. Fall seedings failed to germinate until November rains came. September had been reported the second driest on record since 1911 at Texarkana and within .01 of an inch of record dryness at both Fort Smith and Little Rock. Little Rock also reported September with 92 percent sunshine the sunniest of record for any month. The Arkansas River dropped to a record low level. The year ended dry since December reported little rain and higher than usual temperatures at most stations. The U.S. Geological Survey reported that runoff was generally deficient for the fifth consecutive month and in the southwest, water levels continued to decline. While crop yield was only slightly less than 1955 and above the ten-year average the weather conditions were not conducive to high yields during the late growing season and the U. S. Department of Agriculture classified 1956 yield per acre from about 45 percent of normal in the west central counties to about 80 percent of normal in eastern Arkansas.

The average 1956 temperatures ranged from 58.4 degrees at

Bentonville and Fayetteville CAA AP to 65.7° at Texarkana WBAP and Okay. The highest 1956 temperature was 112° recorded at Ozark on August 6th. Of the extended summery hot days of 90° or higher DeQueen reported 127 such days. The coldest 1956 location in Arkansas was Gravette on January 16th with a reading of 4° .

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The 1956 precipitation ranged from 29.14 inches at White Cliffs to 58.25 inches at Little Rock Filter Plant. Precipitation deficiencies were greatest in the southwestern counties and 1956 deficiencies were reported at most localities. Snowfall occurred at most localities. The greatest annual snowfall was 20.8 inches at White Rock. The greatest depth on the ground was 9 inches at Saint Francis.

STORMS

January 28: During the late evening a tornado destroyed three homes, damaged 21 others plus other property damage and injured 12 persons in Faulkner and White Counties.

February 14-15: Between 10:30 and 11:30 p.m. the 14th moderate damages occurred along a 32-mile path through Pope, Conway and Van Buren Counties. Five persons were injured and one killed. About 10:30 p.m. a tornado near Evening Shade destroyed a house and brooder house and damaged two homes. About 11:45 p.m. a tornado caused some damage near Melbourne. At 11:50 p.m. a tornado caused considerable damage in the Sardis Area. After midnight a tornado destroyed six homes near Sugar Loaf Mountain.

February 16: A tornado about 7:30 a.m. damaged two homes. About noon hail and wind caused heavy losses in the Beebe-Antioch communities.

April 3: Several damaging storms were reported; a hailstorm in Phillips County, windstorms in Yell and Mississippi Counties and tornadoes in Ashley and Chicot Counties. Considerable property damage was reported.

April 15: During the forenoon a severe hailstorm caused considerable property damage and limited crop damage over a large area that included Arkansas, Garland, Greene, Johnson, Lonoke, Prairie, Pulaski and Saline Counties.

April 29: About 4:10 p.m. a tornado destroyed a cotton gin and three houses and damaged several other houses and two high school buildings in the Barton community.

FLOODS

February 15: During the morning an excessively heavy local rain of 5.54 inches fell in five hours at the Hot Springs National Park causing considerable property damage and one death from the resultant localized flood.

For more detailed information the reader is referred to the monthly Climatological Data, Arkansas and to Climatological Data, National Summary.

Paul J. Waite, Climatologist Weather Records Processing Center Kansas City, Missouri

AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

Table 1		A 121	IIAG	E 1	17.1411	En	AIC	JILE	3 AI	עני	DE	An	IUN	LO.	rnc)1VI .	ror	vG-	IEN.	TAT T	ALL	7142				190
	Jan	uary	Feb	ruary	Ma	rch	A	pril	Ма	у	Ju	90	Ju	ly	Aug	rust	Septe	mber	Octob	100	Nove	mber	Decem	pat	aaA	ual
Station	Temperatue	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperatura	Departure	Temperature	Departure	Temperature	Departme	Temperature	Departura	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperatura	Departure	Temperature	Departure
ALUM FORK ARKADELPHIA ASHDOWN BALD KNOB BATESVILLE LIVESTOCK	39.4 41.2M 42.5 37.8 34.3	- 1.2			51.4M 54.1 55.2M 51.6 48.3	- 1.7 - 1.7	59.5 61.9 62.6 59.7 56.9	- 2.1 - 0.5	72.6M 74.2 74.7 71.5M 69.5	4.5 3.4	76.5M 77.8 78.8 75.7 73.8	0.2	81.0 82.4M 84.5 80.3 78.6	0.8	82 · 4 83 · 2 84 · 2 80 · 4 80 · 0M	2 • 6	73.9 74.3 75.2 70.6 69.9	- 1.9	66.8 67.4 67.1M 64.5M 62.7	2 • 7 3 • 0	50.9 51.5 51.4 49.3 45.3	- 0.6 - 1.7	49.4M 49.9M 51.0 47.1 43.0M	5 • 6	62.5 64.0 64.8 61.2 58.6	1.0
BATESVILLE L AND D NO BENTON BENTONVILLE BLAKELY MOUNTAIN OAM BLYTHEVILLE	36.7 40.1M 34.1 - 36.2	- 2 · 5 - 3 · 5	41.4	3.0 1.6	51.3 51.0 49.3 - 50.9	- 1.6 1.3 - 0.3	59.1 59.5 55.4 - 58.8M	- 1.0 - 2.3 - 2.2	71.7 72.8 70.1	4.6 4.6 1.8	75.9 75.9 72.9	- 0.5 - 1.2 - 1.6	80 • 7 60 • 2 78 • 2 - 80 • 8	- 0.5 - 0.2 - 0.7	81.4 81.5 79.2 81.9 79.6	1.6		- 3+6 - 1+2 - 4+3	62 • 7 65 • 7M	3 + 2	49.5 49.3 44.5 49.7 50.4	- 1.0 - 3.5	42.5	3.7	61.3 61.7 58.4 -	0.8
800NEVILLE BRINKLEY CAMDEN I CAMP CHAFFEE CLARKSVILLE			46.5 47.6M 49.9 43.0 46.1		52.8 52.4 54.1 49.3 51.7	- 0.9		- 2.6 - 0.7	74.2 73.0M 74.8 72.6 73.6	3.0 3.8		- 1.0 - 0.6	83.7 82.0 83.3 82.7 82.2	1 . 0	84 • 1 82 • 7 M 83 • 1 83 • 4 82 • 5 M	2 + 3 2 + 3	74.6 71.2 74.5 73.6 73.5	- 3.6 - 1.1			49.4 49.6M 51.1M 48.1 48.6			5.4	63 • 1 62 • 3 64 • 2 61 • 2 62 • 0	0.3
CONWAY CORNING CROSSETT 7 S CUMMINS FARM DARDANELLE	39.8 34.8 44.4 41.4 39.2M	- 0 - 9	41.5M 53.3 49.1M	1.3	53.6 49.1M 55.4 52.1M 53.5	0 • 0 - 1 • 7 - 0 • 6	60.9 57.5 63.5 60.8 60.8	- 1.3 - 2.5 0.3	74.1	3.6 1.8 2.7	77.0 75.5 77.1 77.1	- 1.4 - 0.9 - 1.6		0.4	83.6 81.6 82.2 81.5 83.0		71.5 74.2 71.2	- 2.0 - 1.2 - 1.4	67.4	3.8	50.4 49.1 54.0 51.3 49.8		45.7 53.8 51.3H	5.8 7.2	63.0 60.1 65.1 63.1 62.9	0 • 6 0 • 6 1 • 2
OE QUEEN DES ARC OEVILS KNOB DUMAS 1 EL DORADO CAA AP	41.2M 37.3 35.8 42.2 43.6	- 2+	43.9		54.0 49.9M 48.0 53.9 54.4	- 1.7 - 1.7 - 0.1	61.5 58.4 56.7 61.5 61.8	- 1.8 - 1.5 - 2.7	74.2 70.7 68.7 75.3 74.5	3.9	78.0 75.3 71.1 79.0 78.2	0.0 - 0.2 - 1.7	84 • 3M 79 • 9 77 • 1 84 • 4 83 • 2	3.2 2.0 0.6		2 • 1 2 • 1 0 • 1	72.7 72.5 73.9	- 0.4 - 2.2 - 2.2		1.5	50.95 49.6 46.2 52.4 51.3	- 1.1 - 1.1 - 3.8			64.1 61.0 64.7 64.5	0.9
EUREKA SPRINGS FAYETTEVILLE FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP	35.9 36.0 34.7 34.8 34.0	- 2.4	42.9	1.8	50.5 49.9 47.3 48.8 48.8	0.5	56.9 56.4 54.7 54.8 56.6	- 2.2	70.8M 71.2 69.9 69.6 70.7	3.1	73.3 73.9 72.8 72.6 74.7	- 1.3	79.3 79.8 78.2 78.9 79.7	0.3	80.7 81.4 79.6 80.9 80.3	2 + 3	72.8 73.7 70.7 72.6 70.7	0.5	64.9		47.1 46.2 44.7 45.8 46.9	- 2.5	45.0 44.5 43.6 44.2 44.9	4 . 9	60.1 60.1 58.4 59.1 59.5	0.8
FOROYCE 6 W FORT SMITH WB AP FT SMITH WATER PLANT GILBERT GRANNIS	43.1M 37.5 37.0 35.7 40.6M	- 2.	51.1 5.2 43.9 44.0 51.8M	0.6	54.7 52.4 50.8 50.0 49.7M	0.1		- 3.6	71.5	4 • 2	77.6 73.5 74.5 75.8	- 0.7	83.0M 83.4 78.8 79.0 61.7M	1.1		2.6	75.3 70.9 69.7	- 1.2 0.3	67.3 64.9 63.7	3.4	52.7 48.2 47.5 48.5 49.78	- 0.7 - 2.3	45.6 45.0 46.1	6.8 3.1	- 62.5 60.1 60.0 63.0	0.5
GRAVETTE GREEN MOUNTAIN HARRISON HELENA HOPE 3 NE	34.0 M 33.4 41.1 42.0M	- 2 · · · · · · · · · · · · · · · · · ·		4 . 8	48.9 48.3 53.9 52.5M	0 • 2	55 • 0 - 55 • 0 62 • 4	- 2.3 - 2.8 - 0.2	69.6M 74.9	4 • 0 3 • 4 4 • 2 2 • 7	73.1 73.8 78.2 76.8M	- 1.0 - 0.3 - 0.1 - 1.9	78.5 - 78.9 83.2 83.7M		83.6	1 . 6	72.6 - 70.3 73.9	1 . 4 - 0 . 4 - 1 . 4	63.1	3.4		- 3.2 - 2.6 - 0.1 - 2.3	44.0 51.0	5.4	58.8 - 58.6 64.3 63.9	0.6 1.7 0.1
MOT SPRINGS I NNE JONESBORO KEO LEAD HILL LITTLE ROCK WB AP	41.6 37.2 39.5 33.8 40.0	- 1.0 - 3.0 - 3.0	44.8	3 . 8	54.5 51.2M 52.5 48.4M 53.0			- 0.7 - 2.3 - 2.9 - 1.6	74.8 71.8 73.2 69.8	4.5 2.1 2.9 4.2	78.6 77.6 76.9 73.9 78.2	0.2 - 0.4 - 1.5 - 0.3	83.2 82.8 80.6 79.1 82.7	0.9 1.5 - 1.0 0.8	83.0	3 • 6 2 • 7 0 • 3 2 • 2	73.5 71.2 70.2	- 0.9 - 0.9	67.1M 65.0 63.8M	3 • 4	52.3N 51.4 50.2 46.2 50.6	6 - 1.5 - 0.5 - 1.3 - 0.9	48.1 49.1 44.0	6.8	65.0 62.3 62.3 58.9 63.4	1.7 1.0 0.3 1.0
MAGNOLIA 3 N MALVERN MAMMOTH SPRING MARIANNA 2 S MARKED TREE	44.7 40.7 34.8 38.7 36.5	- 2. - 3.	1 52.2M 48.5M 7 43.1 7 48.0M 2 45.6	2.5	52.9	- 0.7 - 1.6 0.7	62.1 61.2 58.9 59.8 60.0		74.0 70.2M 73.3	3 · 6 2 · 7 3 · 0	77.1 M 76.7 77.0M	- 1.9 - 1.0	83.8 81.7 79.5M 81.2M 80.8		82.4 80.2 81.0M	2 · 1 0 · 5 1 · 0	73.3 71.0 71.0		66.9 64.7M 65.5	- 0.3 4.8 2.1 3.9	51.3 48.9 51.6		49.6M 45.4 49.2	6.1 5.3 6.8	63.3 - 62.4 61.5	0 - 1 1 - 1
MARSHALL MENA MONTICELLO 3 S MORRILTON MOUNT IDA	42.7M	- 1+	7 44.5 0 47.2 52.8M 4 46.5 3 43.8	2.9	50.1M 52.7 54.6 52.7M 48.6M	1 - 4	57.5 59.9 62.3 60.7 57.5	- 1.0	72.9 74.1 73.7	3.5 4.1 4.2 5.0	76 • 4 78 • 1	- 0.7 - 0.3 - 1.5 - 0.4	81.7	0.1	81.5 82.4 83.1	2.9 1.3	74.3	- 1.8	67.5 M 66.9 64.0M	4 • 2 3 • 3 2 • 0	49.6M	4	48.8 52.9 48.9	5.3	62.6 - 63.0 61.1	1.0
MOUNT MAGAZINE MOUNTAIN HOME MOUNTAIN HOME C OF ENG NA PROWS DAM NASHVILLE PEACH SUBSTA	40.8	- 1.	41.2 44.0 40.1 46.7 46.1	2 • 4	46.8 50.5 47.7 50.4 50.5	0.7	57.5 56.9 59.3 59.6	- 1.7	68.5 70.9 69.3 72.5 71.8	4.0	71.4 74.6 73.6 76.7 76.1	- 0.3	78.1 78.8 78.6 81.8 82.5	- 0.6	79.5 80.4 79.7 82.0 82.5	1.7	72.7 72.2 70.4 73.4 75.3	0 • 4	64.3 65.4 63.5 67.0 67.6	4.7	44.01 48.5 45.71 49.9 50.5	- 0.1	42.9M 46.4 43.6 47.8 49.1	6.5	60.5 58.6 62.3 62.7	1 - 4
NEWPORT NIMROD DAM OKAY OZARK PARAGOULD	37.4 37.5M 43.7 38.3 34.5	- 1.	4 45.4M 44.9M 3 51.7 9 45.7 43.8	2 • 7	52.3 50.8 55.7 51.4 49.4	0.1	60.0 59.6 63.3 59.9 58.2	- 1.7 - 1.2 - 1.9		2.6 4.3 3.8	76.6M 79.7	0.4	81.1 82.3 84.4 83.4 80.4	- 0.4 1.5 1.2	81.5 82.9 83.7 85.0 79.9M	0.9	73.8 76.1	- 2 · 1 - 0 · 6 - 0 · 9	66.7M		50.0P 53.5 49.8 48.8		48.7 47.5M 52.6 46.4 46.2	6 • 5 6 • 0 4 • 6	62.1 65.7 62.7 60.1	1.3
PARIS PERRYVILLE PINE BLUFF PINE BLUFF CAA AP POCAHONTAS 1	38 • 6 40 • 4 42 • 5 41 • 0 35 • 8	- 1.	46.6 5 47.1M 4 49.9 49.4 9 44.6	3 + 3	53.1 53.1 54.7 52.7 50.1M	- 0 • 3	60.7	0.6	75.8 74.2	5 • 4 4 • 4 2 • 4	77.6M 76.6 79.2 77.5 76.4M	1.1		1.9	84.5 82.1 85.4 82.2 81.8M	2.5		- 1.0	68.2M 65.7 67.4 65.6 66.4	2 • 5	49.6 49.09 52.2 50.8 49.19	- 1.1			63.2 62.2 65.2 63.3 61.1	2.0 1.5
PORTLANO PRESCOTT ROGERS RUSSELLVILLE SAINT CHARLES	39.0	- 5.	4 50 · 7 5 46 · 5 2 42 · 8 8 46 · 8 47 · 4	3.1	53.3 52.0 49.7 52.2 52.7	- 3.9	61.0	- 3.1 - 2.8 - 2.2 - 1.1	73.8	1 • 9 2 • 3 4 • 1 4 • 0	76.8	- 2.9 - 2.4 - 1.4 - 0.8	83.3	0.9	81.7 83.8 81.7 83.2 82.7	3.9	74.1	- 1.0	65.2	- 0 - 3	51.8 49.0 46.7 50.1 51.2	- 2.0	48.3	2.9	63.6 62.7 60.0 62.7 63.0	- 0.9 - 1.4 1.7 1.6
SEARCY SHERIOAN TOWER SILOAM SPRINGS STUTTGART STUTTGART STUTTGART 9 ESE	41.6M 33.2 41.1	- 1.	5 46.7 47.8 40.2 7 48.3 0 46.4	3.2	52.1 - 46.7 54.0 51.0	0 - 1		- 0.6	73.1M 69.5	4.8	76.5× 73.3 78.6		82 • 2 79 • 5 83 • 2	1.9	82.9 83.9 82.3 84.3 80.7	3.4	73.4		67.9M 64.5M	3 + 1	51+2 46+2 52+2 98+7	4	49.0 50.5M 43.4 51.1 47.4	7.1	58.9 64.2 61.4	1+2
SUBIACO TEXARKANA WB AP TURNPIKE WALDRON WALNUT RIDGE CAA AP			3 46.8 0 51.6 41.3 46.0 44.1	2+5	53.7 55.0 47.4M 52.0 49.8	- 1 - 0	60.4 62.6 56.0 59.5 58.1	- 1.5 - 2.4	74.2 75.4 68.2 73.3 71.3	4.2	76.7 79.0 71.0 76.8 76.2	- 1.4 - 0.9	82.7 84.7 76.5 82.2 80.7	0.4	63.2 64.1 79.2 81.4 81.0	1 - 1	74.9 77.2 71.9 72.1 70.9		68.6 68.7 65.2M M	4.6	50.0 52.6 46.6 48.6 48.5	- 2 · 0 - 2 · 2	47.5 53.0 44.8M 47.8 46.0		63.2	1+0
WARREN WHITE ROCK WILSON WYNNE	36.1 38.0×	- 2.	1 52.4 41.7 4 47.3 5 46.4	3 . 5	47.7 52.1M	0 • 3	55.7	- 0.8 - 0.3 - 1.0	68.8	3.5	71 • 1 76 • 8*	- 1.1 - 0.6 - 1.7	77.4	1.0	63.6 80.9 82.0 61.2	2.6	73.7	- 1.1	65.5	3 • 0	51.3	0.9	44.8		65.3 59.1 - 61.4	0.1

Table .

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

Table 2		roi	ΓAL	PR	ECII	PITA)IT	NC.	ANI) DI	ΞPΑ	RTU	IRES	5 FF	MOI		NG-TI	SKM	1M	LAN	12				1956
- 4	Janu	ary	Febr	uary	Mar	ch	Ap	ril	Ma	у	Ju	ne	Jul	у	Aug	ust	September	Octo	ber	Nove	mber	Decen	aber	Ann	ual
Station	Precapitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
A880TT ALICIA ALUM FORK ALY AHITY 3 NE	1.96 3.35 8.33 4.69 3.70	4.75	5.91 9.10 8.65 8.69 9.58	3.54	1.56 1.24 3.07 2.98 2.11	-2.62	2.31 3.10 3.85 4.40 6.41	-3.55	2.69 2.75 2.20 0.76 1.89	-3.44	1.79 3.32 4.75 1.59 2.06	0.06	3.00 4.53 4.05 2.06 3.53	0 + 85	2.27 2.95 2.34 3.90 2.89	-1.94	0 · 56 0 · 24 T 1 · 03 1 · 31	1.48 2.57 3.58 2.16 2.26	0.82	3.92 4.28 3.35 2.91 4.24		2.59 2.40 2.90 3.18 1.71		E30.04 E39.83 47.07 38.35 41.69	- 6.71
ANTOINE APLIN 1 W ARKADELPHIA ARKANSAS CITY ASHDOWN	2.43 5.70 3.75 2.53 2.70	-0.88 -2.30	8.18 9.19 7.75 8.95 7.40	3.93 4.55		-2.31 -1.51	6.15 4.50 5.25 4.66 3.30	0.02		-2.70 -1.63	2.74 1.88 4.40 3.07 4.18	-0.09 -0.63	1.70 2.65 4.90 2.37 1.84	1.19		-1.78 -2.23	1.69 0.90 1.50 -1.27 1.21 -1.60		-0 • 79 0 • 34	2.77 2.87 3.55 4.20 3.81		0.79 2.93 1.20 4.37 0.10	-3.84 -0.91		- 8.82 - 7.14
ATHENS AUGUSTA 8ALO KNO8 8ATESVILLE LIVESTOCK 8ATESVILLE L ANO O	2.51 5.23 5.57 4.16 4.02	-0.34	8.44 12.00 10.92 9.03 10.53	7.07	1.64 2.22 2.12 1.56 1.29	-2.67	4.86 4.88 4.16 3.22 3.99	-0.89	3.90 4.18 4.42 3.15 3.15	-1.78	2.15 3.08 2.35 3.59 3.82	-0.16	5.26 0.87 1.27 3.70 3.16	-0.32	2.53 2.73 3.48 2.89 2.29	-1.82	1.15 2.73 1.42 0.56 0.46 -3.06	2.67 2.98 2.34 2.78 2.39	-0.83	4.70 3.89 3.38 3.72 3.71		2.22 2.51 2.45 2.03 2.35	-1.61	42.03 47.30 43.88 40.39 41.16	- 6.17
BEATY LAKE BEAVER 1 SE BEECH GROVE BEEOEVILLE BENTON	5 • 42 1 • 58 4 • 26 6 • 78 3 • 85		10.88 2.72 7.80 11.39 12.21		2.53 0.93 1.30 1.62 3.04		5.73 3.34 3.09 4.97 5.50		2.68 7.96 2.49 3.07 4.89		2 • 44 5 • 25 4 • 34 1 • 98 4 • 50		3.57 6.02 2.44 0.75 3.24		5.57 3.94 2.27 1.76 1.86		0.41 1.67 0.59 1.00	2.84 3.08 2.35 2.28 3.14		4.39 3.90 2.44 3.47 4.69		5.00 3.42 2.74 2.81 2.74		51.46 43.81 E36.11 41.88 50.79	
BENTONVILLE BERRYVILLE 4 NW BIG FORK BIG LAKE OUTLET BLACK ROCK	1.55 1.58 4.41 7.17 3.04	2.10 -1.41	3.22 3.98 9.06 9.91 10.32	7.26 7.10	0.71 - 2.33 2.16 1.78	-2.72 -2.06 -2.58	3.24 4.05 4.12 6.36 2.99		10.73 7.23 2.04 2.74 4.04	5 · 64 -0 · 61 -0 · 82	5.37 6.28 3.78 2.72 4.96	0.17 0.04 1.44	3.29 5.37 6.99 1.35 2.69	0.00 -1.82 -0.83	1.54 2.61 3.28 3.83 2.56	-2.50 1.22 -1.55	1.42 -2.80 0.78 0.65 2.24 -0.80 0.60 -2.96	2.24 1.71 2.25		5.23 - 4.30 3.45 6.21	0.20	2.60 3.2 3.1	-1.52	45.95 47.36	- 3.10 6.23 - 4.38
BLAKELY MOUNTAIN OAM BLUFF CITY 3 SW BLYTHEVILLE BOONEVILLE BOUGHTON	4.56 2.38 5.73 1.69 2.35	0.30	11.04 9.49 9.52 7.01 4.20	6.26	2.82 2.38 2.03 2.20 1.68	-2.58	5.01 5.87 6.26 3.39 4.37	1.79	2.70 2.57 1.95 3.03 3.35	-1.64	1.84 8.31 3.01 3.54 3.35	-0.66	3.54 0.32 0.52 1.16 0.88	-2.67	1.24 2.31 2.28 3.84 2.72	-1 + 63	1.03 1.37 0.50 1.01 1.67	2.36 3.17 1.50 2.95	-1.58	3 · 82 4 · 58 3 · 89 4 · 61 3 · 99	0.53	1.40 2.24 2.83 2.80 0.94		41.36 44.99 40.02 37.23 30.90	- 5.98
BRAOFORD BRINKLEY BUFFALO TOWER BURDETTE CABOT 4 SW	7.26 5.98 5.97 7.65 5.64	0.78	12.16 9.18 6.45 12.55 9.85	4.98	2.05 2.51 2.97 3.31 3.20	-2.78	5.20 5.53 3.18 9.05 4.49		3.01 5.86 6.88 3.03 2.48	0 • 47	2.76 2.30 4.85 4.34 4.12	-1.43	1.58 0.30 4.08 0.71 2.45	-3+98	4.46 1.97 3.02 2.82 2.13	-1.35	0.75 1.80 -2.18 0.22 0.43 1.78	2.26 2.91 4.50 1.85 3.37		4.70 4.66 5.59 3.73 4.60	0.70	1.89 5.02 2.48 4.01 2.81	~0.09	48.08 48.02 E45.19 53.48 46.92	- 5.42
CALICO ROCK CAHOEN 1 CAMP CHAFFEE CARLISLE 1 SW CLARENOON	1.88 2.67 1.25 5.56 4.05	-1.57 -2.22	8.61 8.57 6.44 6.48 8.75	5.94 4.59		-2.56 -1.86	4.21 4.08 3.66 4.86 6.82		5.12 1.89 3.53 2.98 2.64	0 • 34 -2 • 42	8.63 2.15 5.39 4.46 2.79	4.83 -1.97	4.00 2.94 2.16 5.53 4.67	0.52	1.88 1.99 1.25 1.19 2.33		0.88 -2.51 1.39 -1.70 2.00 0.09 3.45 0.18	2.68 1.50 3.40	-0.17	2 • 17 6 • 96 4 • 89 3 • 35 4 • 13		1.42 3.82	-3.43		- 0.40 - 9.29
CLARKSVILLE CLINTON COLO SPRINGS CONWAY CORNING	1.38 2.45 1.72 5.34 2.99	0.93	7.64 10.81 9.71 9.97	6.18	1.58 1.58 2.56 2.90	-1.70 -2.66	4.60 3.74 2.80 5.02 3.95	0.03	2.80 2.42 3.65 1.76		3.05 4.15 1.63 2.47 4.42	-1.51	2 • 4 3 2 • 0 6 4 • 2 6	-0.99 -1.97	4.31 2.91 3.80		0.43 0.56 0.43 1.79 -1.56 0.29 -3.19	3.80 2.03 1.94 3.26	0.26	2 • 88 3 • 13 4 • 57	-0.62	2.92 3.69 4.56	-1.7	37.82 E39.53 41.63 8 41.83 E35.68	- 6.59 -11.38
COTTER COVE CROSSEIT 7 S CRYSTAL VALLEY CUMMINS FARM	1.00 4.08 3.32 4.97 3.52	-2.07 -2.26	7.40 7.85 7.42 11.78 10.23	4.39 3.67	0.54 2.00 5.43 3.03 3.39	-2.50	3.79 4.85 5.79 5.05 3.27	-0.37	5.72 2.05 2.99 5.73 3.18	0.74	5.26 2.10 1.92 5.35 2.44	0.91	3 · 88 4 · 41 5 · 35 3 · 52		4.91	-1.69	1.42 2.75 0.36 1.71 0.92	2.26	-0.09	3.79	0.56	3.21		42.36	- 3.58
OAISY OAMASCUS OANVILLE OAROANELLE OE QUEEN	3 • 21 E 2 • 54 2 • 33 2 • 34	-1.59 -1.22 -2.01	6.76 9.09 8.19 8.84 6.98	5.19 5.68 2.69	1.85 1.89 3.30 2.35	-0.72 -1.96 -2.28	6.23 3.69 3.42	-1.67 -0.75	4.61 1.74 2.08 1.97	-2.92 -3.35 -2.69	2.36 5.12 3.14 4.16 1.38	0.27	1 • 86 2 • 73 4 • 04 2 • 92	0 + 88 -0 + 46 -3 + 04	5.23 2.47 2.24 3.40	-0.96 -0.14 -1.54	0.81 0.55 1.55 -1.7	1.96 2.86 4.07 3.00	0.11	3.65 3.65 2.69 3.42	5	1.42 2.65 5.02 3.16	-0.31	39.95 E38.98 42.07 40.34	- 4.12 - 4.63 -16.87
OERMOTT OES ARC OEVILS KNOB DUMAS 1 EAGLE GAP	3.06 4.95 1.41 4.03 1.69	-0.95	9.19 10.12 6.24	6.08	3.83 2.51 1.49	-1.88	3.76 5.67 5.07		1.67 4.25 6.49 3.49	-1.17	2.36 3.71 3.72 2.73		1.99 3.20 6.03 4.66		2 • 01 2 • 26 3 • 79	-2.41	1.48 0.88 0.17 1.46 -1.5	2.67 2.79 3.19		4 • 80 4 • 50 5 • 13	3	5.45 4.68 2.39		42.27 49.52 45.12 43.67	- 7.80
EL OORAOO CAA AP EUREKA SPRINGS EVENING SHAOE FAYETTEVILLE FAYETTEVILLE CAA AP	2.85 1.98 3.14 1.64 1.91	-1.74 -1.23	9.00 4.12 9.32 4.47 4.25	4.77 1.44		-1.48 -2.26			2.29 7.55 5.56 5.57 6.20	-2.41 1.84		-1.44 -0.07	2 • 13 5 • 51 5 • 17 4 • 92 4 • 05			-1.33	0.95 -1.99 1.42 -3.09 0.37 0.71 0.91		-1.12		0.4		-0.1	39.93 1 44.21 E45.45 39.21 40.46	
FAYETTEVILLE EXP STA FLIPPIN CAA AP FORDYCE 6 W FORESTER 4 WNW FORT SMITH W8 AP R//	1.21 1.92 3.52 E 3.77	-1.67 -1.57	4.29 7.68 9.47 7.08	1.86	1.89 1.04 3.23 3.45	-1.61 -2.35	4.15 3.75 1.83	-0.51	6.75 6.26 E 1.90	1.33	5.43 6.03 2.57		3.90 3.26 3.08	-0.04	· 2 • 28 2 • 20 1 • 48	-1.68	0.61 -3.30 0.06 2.50 -1.4	1.91 2.85 E 3.02	-1.76	3.78 2.50 4.15	0 • 73	2.51 1.91 3.0	-1.8	1	-10.83
FT SMITH WATER PLANT FOUNTAIN HILL FULTON GEORGETOWN GILBERT	1.40 - 2.42 5.37	-2.15 0.05 -2.10	5.72 9.11		2 • 0 8 4 • 8 9 4 • 0 3 2 • 5 0	-0.52 -2.52 -1.92	4.06 - 3.45 5.55		5.92 - 2.78 4.70	-1.73 0.48 -1.02	3.99 - 4.21 2.67		2 • 54 - 0 • 82 1 • 18	-2.74 -1.94	1.10 - 1.52 1.43		0.43 - 1.18 -1.3 0.93 -2.5	2 • 9 3 - 1 1 • 0 1 1 3 • 1 3	-1.57 -0.26	3.62		1.48	-2.8	35.39 8 31.98 7 43.73 6 38.71	-12.68 - 4.24
GLENWOOD GRANNIS GRAVELLY Z ESE GRAVETTE GREEN FOREST	2.69 * 4.09 1.45 1.79		6.83 V 9.26 7.79 2.49 2.74		2.25 2.32 3.18	-2.05	6 • 61 3 • 65 3 • 57	-2.17	4.95 3.92 2.62		1.54	-3.31 -0.77	3 • 2 5 3 • 8 5	-2 • 8 6	4.31 0.84 3.93 1.19	-2.47	1.17 0.74 -3.50 1.08 0.85 -3.3	3.48 1.82 2.19 1.82	-2.39	4.98 3.26 2.28 3.99	8 5 -1.43 8 9 0.83	1.26 2.75 3.69 3.93	-2.2	E43.23 31.81 E40.24 5 40.79	-24.12
GREEN HOUNTAIN GREENBRIER GREENWOOD GUROON 3 E HAMPTON	3.02 1.49 2.17 2.08		10.39 - 7.75 6.41 7.34		1.85 1.84 3.28		2.74 3.79 3.32		3.05 2.44 2.94		3.07 3.94 2.44		6 • 62 - - 2 • 86 1 • 78		0.84		1.00	2.55	5	2 · 18 4 · 11 4 · 01	B 7 1	3.00 2.12 1.40		33.49 34.84 38.03	
HARRISON HEBER SPRINGS 3 NE HECTOR HELENA HENDERSON 2 W	3.29 3.27 E 1.81 2.71	0.30	6.47 12.35 9.73 9.73	3.81 5.23	1.40 1.32 2.39 2.75		4.88 4.75 4.08 4.79	-0.78	7.89 2.22 2.16 3.61	2.58	7.99 4.36 3.91 4.76		3.33 3.50 4.45 4.47 2.43	0 • 11	1.61 2.52 0.87	-2.23	1.21 0.95 1.04 -2.2		0.49	3 • 1 : 3 • 6 4 2 • 5 5	5 0.03 1 4 5 -1.99	2.74 5.33 3.14	-0.6	6E45.25 45.49 E45.71 4 40.76	2.71
HOPE 3 NE HOPPER HORATIO HOT SPRINGS 1 NNE HUTTIG OAM	1.16 2.25 3.40 2.49 3.10 3.48	-2.74 -1.83	5.65 9.11 7.01 16.03 7.96		1.88	-2.75 -1.52	3.35 5.81 5.39 7.38	1.96	2.70 3.44 2.80 3.11 3.00	-2.39	5.88 6.34 2.74 2.84 2.32	-2.30	2 • 1 6 1 • 4 7 8 • 6 4	-3 • 75 4 • 53		-1.86	0.52 1.54 -1.5 1.06 0.58 1.81 -1.5	3.72 2.55 6 1.79	-2.02	3 · 20 3 · 62	8 -1.4 1 0 2 -0.7	2.02	-3.5	44.82 34.90 2 55.06	-19.33 1.87
INDEX JASPER JESSIEVILLE JONESBORO KEO	2.30 1.56 8.79	-1.98 3.55 -3.01	7.05 6.96		3.15 1.16 3.08	-1.41 -1.39 -2.95	3.35 3.62 4.76	-1.30 -1.95 0.35	3.25 4.95 2.39		3.20 4.64 3.13 4.48	-0.01 -1.28 0.74	2.51	-3 • 0 1 -0 • 72		-1.92 -1.98 -1.08		1.97 3.78 8 1.99	0.43	2.6 3.50 2.75	0 - 3 7 0 - 0 - 9	1 1.35 2.05 5 2.97 1 2.17	-3.3 -1.5 -2.2	35.70 5 53.45 1 38.76	0.55
LAKE CITY LANGLEY LEAD HILL LEE CREEK GUARD STA	5.55 7.11 0.69 E 1.23 2.88	-2 • 15	10.29	2 • 70	1.60	-2.78	5.90 5.53 5.37 4.40	1.39	2.17 4.45 8.74 5.82 1.78	3.34	3.41 3.74 3.84 5.48 4.22 7.47	1.05	3.42 3.03 4.29 5.62 3.64 1.20	1.93	0.55 4.19 3.29 2.52 0.88 2.86	-1.35	0.73 0.91 0.51 0.51	1.59 3.32 1 2.69 2.15 2.57	-0.67	2.8; 3.8; 3.1; 3.1; 3.8; 5.7;	0 -0.2	2.74 1.57 2.67 1.62 2.92	-0.3	49.12 44.34 50.82 3E43.60 E34.33 45.16	- 0.66

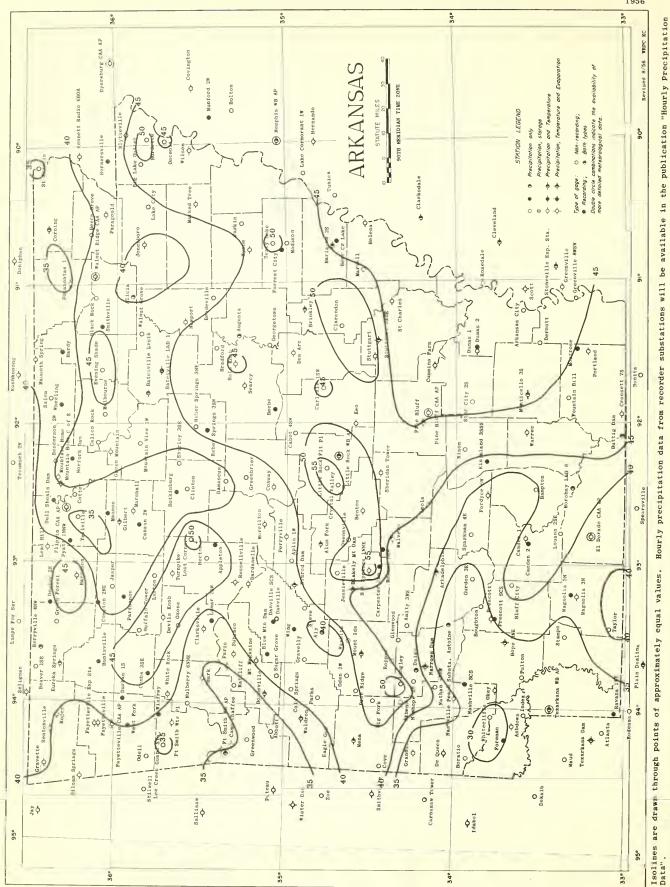
TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

ARKA', --

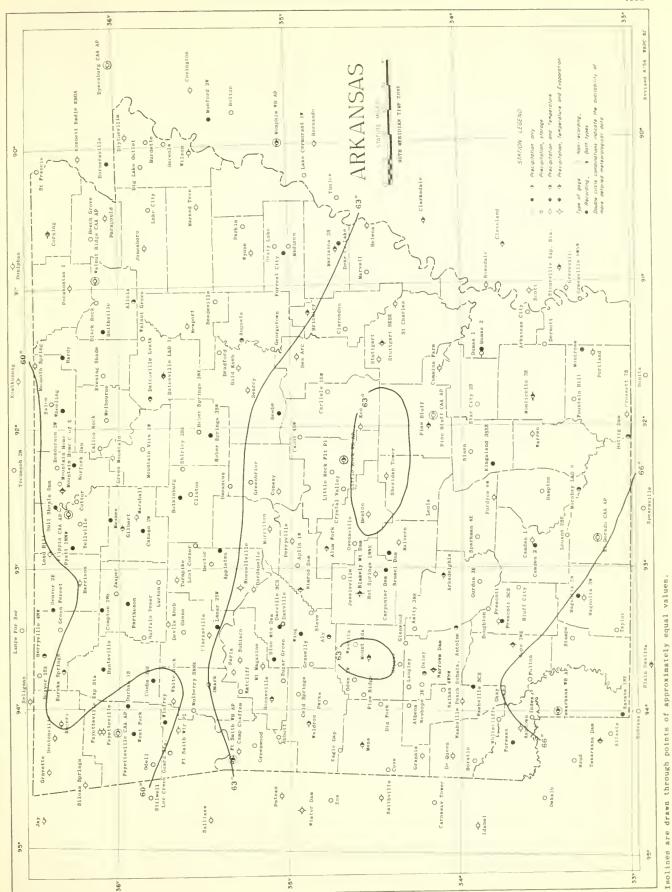
Table 2-Continued					111011	711	10 0	J. 11111 C	711110 11	COM EX	2110 11		011110			1950
	January	Februa	ry	March	April		Мау	June	July	August	September	October	November	December	Annu	al
Station	Precipitation Departure	Precapitation	Departure	Precipitation Departure	Precipitation Departure	Precipitation	Departure	Precipitation D parture	Precipitation Departure	Precipitation	Precipitation	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precapitation	Departure
LITTLE ROCK WB AP R// LITTLE ROCK FILTER PL LOST CORNER LOUANN 2 SE LURTON	5.77 5.86 2.21 3.34 1.21	11.02 11.87 11.61 8.15 8.83	. 81	3.81 -1.04 3.69 1.84 4.13 1.44	4.64 -0.5 5.03 3.95 2.83 3.91	2 3 . 2 4 . 5 3 . 5 1 . 4	92 91 62	5.08 1.65 5.36 5.50 1.60 3.71	5.47 2.37 4.79 4.04 2.98 4.98	2.25 -0.40 2.60 3.17 2.03 2.42	C.28 -2.57 0.29 3.44 2.08 0.16	3.04 0.23 4.59 3.92 2.77 3.02	5.12 1.20 5.24 E 3.17 8.91 3.21	2.65 =1.4 4.01 4.07 4.63 3.17	3 52.34 58.25 150.83 44.87 140.14	×.81
MAOISON MAGNOLIA 3 N MALVERN MAMMOTH SPRING MARIANNA 2 S	5.88 0.65 1.98 -2.8 3.28 1.55 -2.0 4.23 -0.4	7.26 9.38 7.32	3.86 3.27E	2.41 -2.81 3.46 -1.16 2.70 1.78 -1.62 2.78 -2.10	6.08 1.6 2.64 -2.2 5.28 5.35 0.6 6.89 2.1	5 3.0 2.1	04 -0.62 02 -1.598 54 13 -0.48 13 -0.79	2.09 -0.88 4.76 1.26 3.63 3.13 -1.09 2.62 -0.85	2 · 24 · -2 · 56 1 · 43 4 · 87 5 · 54	0.81 -1.76 1.25 1.07 -2.95	0-45 -2-45 1-41 -0-69 1-43 0-62 -2-90 2-14 -0-60	3.44 0.46 3.05 2.30 -1.28 3.51 0.35	4.13 U.03 7.13 Z.50 4.25 2.16 -1.24 2.96 -0.41	2.37 -3.1 1.48 3.22 -0.0	8 45.31 - 7 39.71 - 43.14 5 38.17 - 0 43.30 -	- 8.77
MARKED TREE MARSMALL MARVELL MELBOURNE MENA	7.14 1.7 2.43 -0.7 3.38 2.73 3.37 -0.5	8 9.16 10.04 9.51	5.26 5.62 3.54	3.28 -1.88 0.65 -3.33 2.97 1.34 2.73 -1.77	6.62 3.88 8.01 4.25 4.06 -1.5	0 3 e	43 -3.36 61 04	3.49 0.05 4.54 0.03 3.49 7.21 1.39 -3.59	1.75 -1.86 2.50 -1.07 1.98 3.86 6.46 2.58	2.64 -0.90 2.71 -2.58 1.76 3.36 4.13, -0.13	2.51 -0.45 0.36 -3.67 5.66 0.54 0.69 -3.17	2.33 -1.39 3.95 -0.03 E 3.38 2.11 1.71 -1.98	3+82 -0+26 2+10 -1+49 E 2+95 2+78 ++91 1+34	3.73 -0.1 3.86 0.1 3.37 2.07 3.49 -0.5	3E 39.57 - E49.60 E44.80	1.15 11.63
MONTICELLO 3 S MOROBAY L ANO O NO 8 MORRILTON MOUNT IOA MOUNT MAGAZINE	4.76 3.28 5.89 2.0 6.11 1.7		3.70	3.45 4.10 2.60 -1.53 2.76 -1.74	2.44 2.20 5.24 0.3 3.38 -2.4	3 + 14 2 + 18 2 + 18 3 + 18	18 44 -2.18 77 -2.91	2.19 3.33 2.33 -1.59 2.39 -1.79 4.95	1.02 1.55 1.56, -0.88 4.28 0.78 3.62	2.00 1.73 2.21 -0.71 4.72 1.23 4.01	1.40 1.91 1.65 -1.18 1.38 -2.09 0.23	2.22 1.86 3.24 -0.44 3.03 -0.68 4.28	3.51 7.19 2.98 -0.89 3.44 -0.71 3.10	3 + 06; 2 + 13; 3 + 41 = 0 + 1; 3 + 44 = 0 + 1; 4 + 10		3.96 4.13
MOUNTAIN HOME MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 E MULBERRY 6 NNE NARROWS OAM	1.19 =1.6 1.48 2.59 1.36 2.73	8 7.15 7.28 9.02 6.33 8.54	4.58	0.90 -2.77 0.91 1.24 2.16 1.70	4 • 18 -0 • 4 4 • 64 3 • 26 4 • 31 6 • 68	5 · 6 · 3 · ·	05 25 10	6.45 1.95 6.44 5.92 3.94 1.66	3.74 4.72 5.12 1.31 1.67	2.56 -1.27 2.54 1.57 0.97 1.66	0.63 -3.12 0.53 0.54 0.25 1.68	3.46 -0.50 3.77 2.60 2.98 2.15	3.77 0.60 4.19 2.33 4.67 4.22	2.79 -0. 3.21 2.57 1.91 1.40	75 41.65 - 44.76 42.01 36.29 37.38	3.68
NASHVILLE PEACH SUBSTA NATHAN 4 WNW NEWHOPE 3 E NEWPORT NIMROO OAM	3.15 3.05 3.32 5.78 6.73	8.36 6.94 10.85 3 11.12 7.83	7.58	2.11 0.67 2.33 1.72 2.73	5.62 5.69 7.30 5.01 4.54	3. 3. 5. 2. 2.	99 70 83 -1.40	1.94 2.29 2.27 5.25 1.46 2.82	2.08 0.80 2.36 2.45 -0.77 6.55	2+941 1+19 2+12 2+78 -0+69 1+02	0.01 0.17 0.00 0.88 1.16	2.59 2.66 2.50 2.20 -0.77 2.90	5.31 3.83 3.68 4.22 0.13 2.39	2.06 0.85 1.44 1.70 = 2.0	39.66 32.13 43.57 45.94 44.29	- 1.56
ORENT OR AY OKAY OKAY OKAY OKAY	4.97 5.50 1.4 2.27 -2.2 6.90 2.3 4.11	4 6.90	5.32 3.00 4.96	2.99 3.04 -0.77 2.03 -2.58 2.38 -2.74 2.79	4.94 4.39 -1. 3.26 -1. 5.45 0.	3 0	12 67 -2.20 04 -1.82 66 -3.10 46	4.93 1.81 -2.16 3.15 0.18 2.41 -0.88 3.33	2.02 4.7: 1.64 2.0: -1.54 0.61 -2.76 3.87		0.77 0.85 -2.10 0.95 -1.87 0.28 -2.53 0.20	1.92 1.87 -1.22 1.71 -1.27 1.74 -0.92 3.40	3.83 2.93 -0.96 2.77 -1.59 3.25 -0.73	2.32 3.29 -0.1 0.70 -4.1 4.07 0.1	5 32.95 -	- 4.45 -14.16 - 4.72
02ARK 02ONE PARAGOULD PARIS PARKIN 2 W	1.40 -1.6 1.29 3.29 -1.7 1.55 4.92 -0.2	F 9.13 9 9.86 7.11	5.30 6.00 4.29	1.26 -2.49 1.36 1.28 -3.64 1.58 3.13 -2.19	4.26 -0. 5.37 3.94 -0. 3.91 5.67 1.	32 2.	68 95 -1.24 30	3.45 -0.94 3.82 3.20 -0.30 4.18 5.68 2.40	0.9" -2.20 4.61 1.11 -2.04 1.51 1.8: -1.54	2.92 -0.81 3.98 4.15 0.28 3.04 2.85 -0.30	0.32	2.71 -0.65 2.64 4.04 1.10 3.41 1.93 -1.26	3.22 0.14 4.86 3.36 0.05 4.03 3.34 -0.30	2 · 27 -1 · 3 · 46 2 · 31 -2 · 2 · 52 4 · 39 -0 ·	E45.43 7 40.49 - 37.46	- 9.64 - 6.03 - 1.38
PARKS PERRYVILLE PINE BLUFF PINE BLUFF CAA AP PINE RIOGE	E 6.66 2.2 2.90 -2.3 2.68 4.24 -0.3	3 10.31 10.13	4.89 6.21 6.00	3.20 -0.66 3.45 -1.86 3.54 2.50 -1.78	4.52 4.81 -0. 4.19 -1. 4.49 4.77 -1.	2 · 2 · 2 · 2 · 1 · 1 · 3 · 1	49 -3.25 26 -2.15 80	1.44 3.15 -1.75 4.28 0.55 1.96 2.34 -2.09	5.20 1.61 -2.64 1.70 -1.81 2.05 3.95 0.26	2.43 1.52 -2.53 1.40 -1.46 1.96 3.14 0.23	0.33 0.92 -2.58 1.56 -1.81 0.94 0.55 -2.45	2 • 72 4 • 32 5 • 34 2 • 51 4 • 89 1 • 57 - 2 • 46	3.46 3.12 -0.48 6.38 2.20 4.86 3.79 -0.32	2.79 3.62'-0. 4.07-1. 4.18 3.64-0.	36E43.73 = 20 47.93 = 43.48 57 43.26 =	- 6.73 - 2.41 - 7.22
POCAHONTAS 1 PORTLANO PRESCOTT RATCLIFF RISON	3.61 -0.7 3.64 -1.0 2.80 -1.9 2.13 2.82	9 10.45	4.59 6.17 2.75	2.19 -2.37 5.30 0.02 2.91 -1.61 1.83 3.2	3.42 -1. 4.72 -0. 4.34 -0. 4.08 4.01	25 3.		3.29 -0.81 2.85 -0.31 5.90 2.18 2.15 2.51	2.42 -1.51 3.42 -0.51 1.95 -1.59 2.11 2.74	0.79 -3.60 1.15 -2.00 2.36 -0.80 2.83 5.34	2.07 -0.53	2.16 -1.15 3.52 0.58 1.66 -0.97 2.49 2.97	3.48 -0.09 3.50 -0.65 2.65 -1.06 2.54 5.25	1.91 -1. 4.34 -1. 1.48 -3. 1.63 2.46	5 48.17 -	
ROGERS RUSSELLVILLE SAINT CHARLES SAINT FRANCIS SALEM	1.55 -1.0 3.23 -0.5 4.01 3.72 -1.4	0 9.21	1 · 12 5 · 85 3 · 3 7	0.8 -2.48 2.41 -1.93 2.61 1.76 -3.13 0.97	2.5 = -2. 4.21 = 0. 6.61 2.10 = 2.	15 2.	12 -1.80	5.17 0.27 6.42 2.19 2.82 3.00 -0.82 3.03	2.64 -1.04 2.34 -1.76 3.90 1.39 -2.66	1.29 -2.49 4.03 0.49 1.63 1.71 -2.20	2.08 -1.67	2.37 -1.12 2.95 -0.06 2.24 1.49 -1.99 2.93	4.81 1.78 2.96 -0.61 2.83 2.18 -1.36 2.50	2.74 -0.	35E36.23 - 51 44.75 - 43.87 52 30.09 -	- 2.29
SEARCY SHERIOAN TOWER SHIRLEY 3 SE SILOAM SPRINGS SPARKMAN 4 E	6.50 1.7 5.00 2.23 1.17 2.80	3 11.93 12.45 8.88 2.50 7.26	8.43	2.60 =2.06 3.40 1.56 1.01 2.02	4.40 -0. 5.75 3.00 4.30 3.46	3. 2. 0. 8. 1.	58 55 31	3.50 -0.48 3.05 6.43 4.34 3.05	2.36 -0.59 2.00 5.97 2.64 2.80	2.59 -1.03 1.17 3.10 0.49 0.75	1.30 -1.63 0.00 0.12 1.14 0.84	2.43 -0.70 4.87 1.87 2.03 3.41	4.49 0.19 6.53 2.67 4.82 5.10	2.69 -1. 2.65 3.61 2.84 3.34	92 48.28 49.45 39.99 35.59 36.58	0.49
STAMPS STAR CITY 2 S STEVE STUTTGART STUTTGART 9 ESE	2.86 3.71 E 5.01 3.19 -2.0 3.76 -2.1		5.95	2.87 3.56 2.42 2.97 -2.49 3.05 -2.06	3.96 3.92 5.80 5.89 0. 5.92 1.		61	6.40 3.08 1.60 5.36 1.55 3.09 -0.19	0.99 2.05 3.87 3.79 3.63 -0.46		2.08 0.85 1.75 7 3.40 0.31 7 2.69 0.06	1.91 2.84 2.58 3.68 0.66 4.24 1.16	5.04 5.40 2.69 3.72 -0.37 3.33 -1.21	0.84 1.82 2.75 3.69 =1. 3.64 =1.	39.96 E41.66 E40.54 33 50.61 -	- 0.01
SUBIACO SUGAR GROVE TAYLOR TEXARKANA WB AP R// TURNPIKE	1.60 -1.8 1.48 3.15 2.23 -2.8 E 1.61 -2.5		1.44	1.80 -2.00 3.42 3.39 2.82 -2.11 1.39 -2.65	3.94 -0. 2.66 1.78 3.25 -2. 3.29 -2.	2 · 3 · 3 ·	50 -1.75 68 79 03 -2.10 90 -2.02	3.15 -0.99 2.53 5.56 3.67 -0.18 3.81 -1.11	2.31 -0.86 2.22 0.43 1.98 -1.96 3.73 0.45	2.48, =1.0° 1.76 3.06 2.41 -0.4° 2.40 -1.6°	0.96 0.13 -2.66 1.28 -3.58	3.87 0.38 1.89 1.47 -1.91 3.57 -1.42	3.23 0.06 7.80 3.87 -0.46 2.74 -1.35	3.84 0. 2.76 0.89 -3. 3.18 -1.	41.37	- 5.55 -19.30 -12.39
WALDRON WALNUT GROVE WALNUT RIOGE CAA AP WARREN WASHITA	E 1.65 -2.0 3.66 4.23 4.47 4.70	9.59	3.09	1.77 -1.95 1.28 1.55 3.64 -1.82	2.50 -2. 2.56 3.24 3.56 -1.	3.	.39 -2.17 .73 .65 .7 -1.83	2 • 73	3.49 0.62 3.57 2.34 5.60 1.71 2.30	3.66	0.60 -2.56 0.64 0.25 1.69 -1.69	1.42 -2.45 2.05 1.87 2.29 -0.88	6.08 2.53 4.49 3.49 4.64 0.48 3.15	4.30 0. 2.05 2.32 2.77 -2. 3.05	70£36.79 - 40.46 41.79 46.10 = 39.10	- 5.81
WHITE ROCK WHITECLIFFS WILSON WYNNE YELLVILLE	1.56 2.78 -1.1 9.22 3.9 5.39 0.2 2.37	3 8.96	3.26 5.54 4.66	1 • 71 1 • 88 - 2 • 59 2 • 4 3 - 2 • 2 4 2 • 6 6 - 2 • 5 2 0 • 3 2	4.72 3.59 -1. 3.41 -1. 6.14 0. 3.49	35 1. 64 3.	.11 .63 =2.18 .59 =2.64 .49 =0.82		2.02 1.31 -1.38 0.70 -2.76 1.64 -1.98 2.90	2.71 0.85 -2.0 3.90 0.6 2 3.42 -0.3 1.00		3.12 1.13 -2.00 2.44 -0.45 2.68 -0.88 2.82		2.38 0.64 =4. E 2.69 =2. 3.81 =1. 1.72		-15.72 0.12 - 5.60

= =	T						Las	t spr	ing min	ımu	m of					-	Fir	st fa	ll minir	num	of						ber of		
States					16° o		20° o		24° o belov		28° o		32° c		32° o		28° c		24° c		20° d		l6° o		below	below	below	pelow	pelow
Station	Highest	Date	Lowest	Date	Date	Тетр.	Date	Тетр.	Date	Тетр.	Date	Тетр	Date	Тешр.	Date	Тешр.	Date	Тетр.	Date	Тепр.	Date	Temp.	Date	Тепр.	16° or b	20° or b	24° or b	28° or b	32° or b
ALUM FORK ARKADELPHIA ASHDOWN BALD KNOB 8-TESVILLE LIVE FOCK	105 105 108 106 108	8- 6+ 8-10+ 8-17 8-17 8- 6	20 19 17 17	1- 9r 1- 9 1- 9 1-20 1-20	NONE NONE NONE NONE 1-31	13	1=16 1= 9 1=13 1=24 3=25	18 19	3-8 1-14 1-20 2-7 3-25	22		26 27 27 28	3-20 3-20 4-8	27	11- 9 11- 9 10-27 10-27 10-27	26 32 32	11- 9 11- 9 11- 9	26 24 24	11-17 11- 9 11- 9	24	11-30	18	NONE NONE NONE NONE 11-17	14	- - - 291	311	264 308 294 276 229	234 234 234	
8ATESVILLE L AND 0 NO : BENTON BENTONTILLE BLAKELY MOUNTAIN DAM BLYTHEVILLE	108 105 106 106 104	8-17 8-6 8-16 8-7 8-5	10 14 6 -	1-20 1- 9 1-16 - 1-24	1-24 1-14 1-30 - 1-24	13 16 15 -	3-20 1-14 3- 8 1-24		3-20 3-20 3-13 - 3-20	24	4- 8 3-20 4- 8 3-21	24		30	10-28 10-27 10-27 11- 9	31 32 24	11- 9 11- 8 11- 9	20 28 24	11- 9 11- 9 11- 9	20 18 24	11- 9 11- 9 11-30	20 18 19	NONE NONE 11-29 NONE NONE	15	304	300 246 -	234 234 241 - 249	234	
800NEVILLE 8RINKLEY CAMDEN 1 CAMP CHAFFER CLARKSVILLE	110 107 105 109 109	8-17 8-6 8-7 8-17 8-6	8 17 18 8 15	1-20 1-14 1- 9 1-20 1-12+	1-20 NONE NONE 1-21 1-20	8 15 16	1-20 1-24 1-15 1-31 1-31	8 20 20 19 20		21	3-19 3-20 3-20 3-20 3-17	28 26 28	4- 8 3-20 4- 8	32 26 30	11- 9 11- 9 11- 9 11- 9 11- 9	24 i 27 i 23	11- 9 1 9 11- 9	24 27 23	11-9 11-27 11-9	24 22 23	11-30 NONE 11-17	20	NONE NONE NONE NONE			- 291	246 290 317 246 246	234 234 234	234
CONWAY CORNING CROSSETT 7 S CUMMINS FARM OARDANELLE	107 106 104 103 106	8- 6 _r 8- 5+ 8-10 8- 6 8- 6 _r	18 16 16 19	11-30 1-20 1-14 12-10 1-20	NONE 1-20 1-14 NONE 1-20	16 16	1-14 1- 9	20 20 16 20 12	3-20 3-20 1-17	23	3-20 3-20 3-20 3-20 3-8	22 23 27	3-30 4- 8 3-21	32 32 32	11- 9 11- 9 11- 9 11- 9	23 25 24	11- 9 11- 9 11- 9	23 25 24	11-9 11-27 11-9	23 21 24	11-24 11-30 12-10	18 19 19	NONE NONE NONE NONE		-	304 321 336	290 234 252 297 294	234 234 234	224 215 233
DE OUEEN OES ARC OEVILS KNOB DUMAS 1 EL DORAGO CAA AP	109 104 103 105 105	8- 5 8- 6+ 8- 6 8- 6+ 8- 6	15 18 6 20 20	1- 9 1- 9 _r 1-16 1-14+ 11-27 _r	1- 9 NONE 1-16 NONE NONE	6	1-13 1-25 1-31 1-17 NONE	18	3-8 2-7 3-20 1-17 1-14	22	3-17 3-21 3-21 3-20 3-20	28 28 28	4-17 4-17 3-21	32 30 30	11- 9 11- 9 11- 8 11- 9 11- 9	25 30 26	11- 9 11- 9 11- 9	25 25 26	11-27 11-16 11-27	24 21 24	12-10	20 20	NONE NONE 11-29 NONE NONE	12	318	296 328	246 294 241 315 317	233 233 234	205
EUREKA SPRINGS FAYETTEVILLE FAYETTEVILLE CAA AP FAYETTEVILLE EXP STA FLIPPIN CAA AP	101 102 102 103 107	8- 6 8- 6+ 8- 6+ 8-16 8-17	6 7 8 5 7	1-16 1-16 1-16 1-16 1-20	1-31 1-20 1-31 1-20 1-24	16 14 10	2- 3 2- 3 1-31 2-28 1-31	20 14 20	3-20		3-30 3-19 4-17 4-17 3-30	28 28 26	4-17 4-20 4-23	30 31 31	11- 8 11- 8 10-27 11- 8 10-27	30 30 30	11- 9 11- 8 11- 9	21 23 19	11- 9 11- 8 11- 9	21 23 19	11-27 11- 9 11- 9	19 19 19	11-29 11-27 11-29	16 13	301	298 283 255	246 247 233 234 233	235 205 206	205 190 199
FOROYCE 6 W FORI SMITH W8 AP FI SMITH WATER PLANT GILBERT GRANNIS	104 109 106 109 106	8-6 8-16 8-6+ 8-17 8-16	21 15 10 5	1-9 1-20 1-16 1-20			NONE 1-20 2- 7 3-20	20	1-17 1-31 3-20 4-8	24	3-20 3-8 4-17 4-20 3-8	27 28 28	4-21	30 31 30	11- 9 11- 8 10-27 10- 8 11- 9	29 32 31	11- 9 11- 9 11- 9	28 21 16	11-17 11- 9 11- 9	23 21 16	11-27 11- 9	17	NONE NONE 11-29 11- 9 NONE	15		294	291 234 215	206	233
GRAVETTE GREEN MOUNTAIN HARRISON HELENA HOPE 3 NE	107 - 105 103 107	8-16 - 8-17+ 8-6 8-7	4 10 6 22 20	1-16 1-17 1-16 11-30 11-30+	3- 8 - 1-31 NONE NONE	16	3-11 - 3-20 NONE NONE	19	- 4- 8 1-24	24 - 23 23 24	4-17 - 4-20 2- 7 3-20	2 8 2 7	- 4-23 3-20	29 31	10-26 - 10- 8 11- 9 11- 9	32 26	- 11- 9 11- 9	16 26	- 11- 9 11-30	16 22		16	11- 9 11- 9 NONE NONE	16	246 283 -	243 234 -	215 311	206 203 276 234	234
HOT SPRINGS 1 NNE JONESBORO KEO LEAO HILL LITTLE ROCK WB AP	106 105 102 106 104	8- 5+ 8- 5+ 8- 6 8-17 8- 5+	22 17 18 7	1-16 1-24 1- 9+ 1-20 1-24+	NONE NONE NONE 1-31 NONE	12	NONE 1-24 1-14 3-20 NONE	17 18 20	1-24 1-31 1-24 4- 8 1-24	23 23 22	1-30 3-20 3-20 4-23 2- 7	26	3-25 3-25 4-23	31 32 27	11- 9 11- 9 10- 8 11- 9	25 30	11- 9 11- 9 11- 9	27: 25 17	11-24 11-17 11- 9	23 24 17	11- 9	20	NONE NONE NONE 12-10 NONE		- - 314	321 234		234 234 200	168
MAGNOLIA 3 N MALVERN MAMMOTH SPRING MARIANNA 2 S MARKEO TREE	105 106 105 105 103	8- 5r 8- 6 8-17r 8- 6 8-17	17 20 9 19 18	1- 9 1- 9+ 1-20 1- 9 1-24	NONE NONE 1-24 NONE NONE	15	1- 9 1-16 3-20 1-17 1-24	20 19 20	- 3-20 1-24 1-31	21	- 3-21 3-30 3-20 3-20	25 26	4-20	32 32 32	11- 9 11- 9 10-27 11- 9 11- 9	22 32 23	11- 9 11- 9 11- 9	22 20 23	11- 9 11- 9 11- 9	22 20 23	11-30 11-9 11-30	20	NONE NONE 12- 1 NONE NONE		312 -	323 319 234 318	-	224 234	215
MARSHALL MENA MONTICELLO 3 S MORRILTON MOUNT 10A	108 101 105 109 107	8-17 7- 8+ 8-16 8- 6 8- 6	10 16 18 18	1-20 1-20 1-14 1- 8+ 1-20	1-31 1-20 NONE NONE 1-20	15 16	3- 8 1-20 1-14 1-20 3-20	16 18 20	3- 8 3- 8 1-25 1-31 3-20	24	4-17 3-20 3-20 3-20 4-8	27	4-19 4- 8	32	- 11- 9 11- 9 11- 9 11- 9	26 23 27	11- 9 11- 9 11- 9	26 23 27	11-29 11- 9 11-17	20 23 24	- 11-30	20	NONE NONE NONE		301 - - 325	-	266 289 291	234 234 234	204
MOUNT MAGALINE MOUNTAIN HOME MOUNTAIN HOME C OF ENG NAROWS OAM NASHVILLE PEACH SUBSTA	102 106 106 106 107	8-17 8-17 8-18 8-7 8-7	6 9 9 16 18	1-16 1-16 1-16+ 1- 9 1-12	1-30 1-24 1-25 1- 9 NONE	16 14 16 16	1-31 1-31 2- 1 1-14 1-12	19 20 18	3-20 1-31 2-12 3-20 3-9	19 24 24	4-17 3-13 3-30 3-20 3-19	28 26 24	3-20 4- 8 4-20	29 30 32	11- 8 11- 9 11- 8 11- 9 11- 9	22 28 23	11- 9 11- 8 11- 9	22 28 23	11- 9 11- 9 11- 9	22 21 23	11-29 11-17 11-27	20 19 20	11-29 NONE NONE NONE NONE	10	304	303 290	234 283 271 234 253	241 223 234	234 214 203
NEWPORT NIMROD OAM OKAY OZARK PARAGOULO	108 109 106 112 104	8-17 8- 7 8- 6 8- 6 8- 5	17 12 15 13 15	1-24 1-20 1- 9 1-16 1-20	NONE 1-20 1-9 1-20 1-24	15	- 1-31 1-13 3-8 1-24	20 20	3-20 1-14 3-8 3-20	23	3-21 4- 8 3-20 3-20 3-25	28 28 27	3-20 4- 8	28 28 32	- 11- 9 11- 9 11- 9	24	11- 9 11- 9	24	11-9 11-17	24	11-30 11-27	20	NONE NONE NONE NONE		11111	322	234 300 254 242	234 234	234 215
PARIS PERRYVILLE PINE SLUFF PINE SLUFF CAA AP POCAHONTAS 1	110 110 109 103 106	8- 6+ 8- 6 8- 6 8- 6+ 8- 5+	8 18 24 20 12	1-20 1- 9+ 1- 9+ 1-14 1-20	1-20 NONE NONE NONE 1-20	8	1-20 1-19 NONE 1-14		1-17	24	3-20 3-20 2- 7 2- 7 3-25	28 28 28	4- 8 3-20 3-20	32 30 29	11- 9 10-28 11- 9 11- 9 11- 9	32 28 27	- 11- 9 11- 9	28 27	NONE 11-30	23	NONE NONE	-	NONE NONE NONE	-	1 1 1 1	314	318	276 276	215 203 234 234 215
PORTLANO PRESCOTT ROGERS RUSSELLVILLE SAINT CHARLES	102 106 106 108 105	8- 8+ 8- 7 8- 6 8- 6+ 8- 7	20 18 6 13 20	1-14 11-30+ 1-16 1-20 1-14	NONE NONE 1-30 1-20 NONE		1-10 3- 8 1-20	20	2- 8 3- 8 2- 7	20	3-20 3-21 3-20 3-20 2- 7	25	3-21 4-17 4- 8	27 29 30	11- 9 11- 9 11- 8 11- 9 11- 9	22 31 23	11- 9 11- 9 11- 9	22 22 23	11- 9 11- 9 11- 9	22 22 23	11-27 11-27	20	NONE NONE 11-29 NONE NONE	15	304	264	275 246 276	234	233 205 215
SEARCY SHERIDAN TOWER SILOAM SPRINGS STUTTGART STUTTGART STUTTGART 9 ESE	109 107 108 108 103	8-17 8-6 8-16 8-6 8-7	20 18 7 23 17	1-16+ 1- 9 1-16+ 1- 9+ 1-24	NONE NONE 1-22 NONE NONE	15	1-20 1- 9 2-29 NONE 1-24	20 18 20	3- 8 1-24	24 - 21 23 23	3-20 - 4-17 2- 7 2- 7	28 27	4- 8 4-23 3-20	32 32 29	11- 9 10-26 11- 9 11- 9	29 26	- 11- 9 11- 9	18	- 11- 9 11-27	- 18 24	NONE 11- 9 NONE NONE	18	NONE NONE 11-29 NONE NONE	13	312	- 254 -	246 308	234 - 206 276 276	186 234
SUBIACO TEXARKANA WB AP TURNPIKE WALORON WALNUT RIOGE CAA AP	109 104 101 109 103	8- 6 8- 6+ 8- 6 8- 6 8- 5+	9 23 - ·5 12	1-20 1- 9 - 1-20 1-20	1-20 NONE 1-31 1-24	9 - 16 16	1-20 NONE - 1-31 1-24	9 - 16 16	1- 9 3-20 3-20		3-20 1-19 3-20 3-20 3-20	25 24 23	3-20 4-17 4-21	31 31 32	11- 9 11- 9 11- 8 11- 9 11- 8	29 29 18	11-17 11- 9 11- 9	28 25 18	12-10 11-16 11- 9	24 23 18	NONE 11-29 11-9	14	NONE NONE 11-29 NONE NONE	14	11111	314 - 283	336 241	234	234 205 202
WARREN WHITE ROCK WILSON WYNNE	107 102 101 104	8- 9 8-17 8- 6 8- 6+	20 5 17	1-14 1-16 1-13	NONE 1-16 NONE 1-24	5	1-14 2- 3 1-24 1-24	20 20 18 15	3-20	23 24 - 22	3-20 3-21 -		3-20 4-17 3-30	26 30 32	11- 9 11- 8 11- 9 11- 9	27 29 25	11 - 9 11- 9 11- 9	27 26 25	- 11-16 11-27	- 22 23	NONE 11-22	-	NONE 11-29 NONE NONE		318	293 - 305	-	233	234 205 224 205

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.	Annual
BLAKELY MOUNTAIN DAM	EVAP DEP WIND	1.348	-	4.34	6.198	6.73	6.88	7.318	6.548	6.14	3.49 716	2.818	-	-
HDPE 3 NE	EVAP DEP WIND	2.718 +0.37 1039	2.308 -0.36 1214	4.168 -0.22 1587	4.938 -0.61 1201	6.408 -0.01 860	6.778 -0.33 423	8.26 +0.21 811	9.068 +1.43 915	8.34 r2.37 858	5.968 +1.28 691	2.948 +0.27 1321	1.938 -0.04 1291	63.76 + 4.36 12211
MDUNTAIN HOME C OF ENG	DEP WIND	-	. =	=	5.99	6.628	5.888	7.20B - 675	7.44	6.82	4.468 - 638	-	-	-
NARROWS DAM	EVAP DEP WIND	2.018	-	4.098	5.558	6.54	6.82 906	8.65 - 1137	8.45	7.318	4,69	-	-	-
NIMROD DAM	EVAP DEP WIND	-	-	4.088	5.31	6.518 +0.55 782	6.11B -1.05 370	7.158 -0.72 552	7.87B +0.69 467	6.428 +0.90 517	4.07 -0.17 392	2.538 +0.03 1206	-	-
RUSSELLVILLE	EVAP DEP WIND	1.458 -0.34 429	2.178 +0.03 554	3.73 -0.13 734	5.21 +0.13 610	7.08 +1.05 356	6.238 -0.56 264	7.798 -0.04 237	7.938 +0.50 273	6.55B +1.00 231	4.02 -0.04 250	2.108 +0.05 488	-	-
STUTTGART 9 ESE	EVAP DEP WIND	-	-	3.118 -0.31 2055	4.14 -0.61 1769	5.98 +0.07 1595	6.298 -0.81 1177	7.428 0.00 1353	6.718 -0.35 1095	5.53 +0.35 1351	3.448 -0.24 1008	2.108 +0.02 1660	1.56B +0.34 1839	



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C. r.	No.	Ct-	ge ‡	0	pp	uo	re	ars of	-	osed ng yr.	Refer			Station	No.	County	geţ	9	арп	lon		ord	or c	osed og yr.	Refer to
Station	Index l	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Month	Month	to tables			Station	Index	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Month	Month	tables
ABBOTT ALICIA ALUM FORK ALY AMITY 3 NE	0130	SCOTT LAWRENCE SALINE YELL CLARK	1 35 7 35 1 34 3 34 3 34	47	94 12 91 05 92 52 93 29 93 25	624 256 755 854	19	15 30 19 14 8			2 2 1 2 3 2 2	CCC		KINGSLANO 3 SSE LAKE CITY LAKE MAUMELLE LAMAR 2 SW LANGLEY	4010 4019	CLEVELANO CRAIGHEAO PULASKI JOHNSON RIKE	5 1 1	33 50 35 49 34 51 35 26 34 19	90 26 92 29 93 25	-		16	OEC		c 2 2 c
ANTOINE APLIN 1 W APPLETON ARKADELPHIA ARKANSAS CITY	0188 0196 0220	PIKE PEPRY POPE CLARK OESHA	1 34	07	93 25 93 00 92 53 93 03 91 12	285 400 522 200 145	60	14 12 60 66			2 2 1 2 3	c	١,	LEAD HILL LEE CREEK GUARO STA LEOLA WLITTLE ROCK WB AIRPORT LITTLE ROCK FILT PL	4116 4134 4248	800NE CRAWFORO GRANT RULASKI PULASKI	1 3	36 24 35 42 34 10 34 44 34 46	92 35	261	76	50 10 13 76 8			1 2 3 2 1 2 3 C
ASHOOWN ATHENS AUGUSTA 8ALO KNO8 BATESVILLE LIVESTOCK	0300 0326 0350	LITTLE RIVER HOWARD WOODRUFF WHITE INDEPENDENCE	4 34 7 35	9 40 9 19 9 17 9 18 9 49	94 08 93 58 91 22 91 34 91 47	329 960 218 230 571	12 8 15	12 8 21 8			1 2 3 2 2 1 2 3 1 2 3	c		LOST CORNER LOUANN 2 SE LUPTON MADISON MAGNOLIA 3 N	4386 4528 4548	UNION NEWTON ST FRANCIS COLUMBIA	5 4	35 34 33 22 35 46 35 00 33 19	92 46 93 05 90 43 93 14	2007 215 315		8 12 - 25 39			2 2 2 2 1 2 3
BATESVILLE L AND D 1 BEAR CREEK LAKE BEATY LAKE BEAVER 1 5E BEEBE	0496 0512 0518	INDEPENDENCE LEE ST FRANCIS CARROLL WHITE	7 35 7 34 5 35 7 36 7 35	5 05	91 38 90 42 90 43 93 46 91 53	277 220 400 930 250	-	43 15 11			2 2	c		MAGNOLIA 5 N MALVERN MAMMOTH SPPING MARIANNA 2 S MAPKEO TREE	4654	HOT SRRING FULTON LEE POINSETT	3 7 5 5	33 20 34 23 36 29 34 44 35 32	92 49 91 32 90 45 90 25	311 690 234 229	51 44 51	8 51 44 51			C 1 2 3 1 2 3 1 2 3 C 1 2 3
BEECH GROVE BEECEVILLE BENTON BENTONVILLE BERTYVILLE 4 NW	0536 0582 0586	GREENE JACKSON SALINE 8ENTON CARROLL	7 36 7 35 6 34 1 36 7 36	26	90 38 91 06 92 37 94 13 93 37	298 221 285 1295 1150	27 50	15 16 27 50			2 2 1 2 3 1 2 3	с		MARSHALL MARVELL MAUMEE MELBOURNE MENA	4696 4746 4756	PHILLIPS SEARCY IZARO POLK	7 7 7 3	35 54 34 33 36 03 36 04 34 35	90 55 92 39 91 54 94 15	610 120	67	11 67			1 2 3 2 C 2 1 2 3 C
BIG FORK BIG LAKE OUTLET BLACK ROCK BLAKELY MOUNTAIN OAM BLUE MOUNTAIN OAM	0746	POLX MISSISSIPPI LAWRENCE GARLANO YELL	5 35 7 36 3 34	36	93 58 90 08 91 06 93 11 93 39	1100 228 259 426 455		12 11 54 6	,		2 2 2 1 2 3 4	C		MONTICELLO 3 S MONTROSE MOROBAY LOCK AND DAM MORRILTON MOUNT IDA	4906 4934 4936 4988	OREW ASHLEY CALHOUN CONWAY MONTGOMERY	3 1 3	33 35 33 15 33 15 35 07 34 33	91 29 92 27 7 92 45 9 93 38	125 85 280 663		16 39 56			1 2 3 C C 2 C 1 2 3 1 2 3 C
BLUFF CITY 3 SW BLYTHEVILLE 900NEVILLE BOTKINBURG 80UGHTON	0806 0830 0842	MEVADA MISSISSIPPI LOGAN VAN BUREN NEVADA	3 33 5 35 1 35 7 35 3 33	5 39	93 09 89 55 93 55 92 30 93 20	360 252 511 1200 235	30	30 15			2 1 2 3 1 2 3	C		MOUNT MAGAZINE MOUNTAIN HOME MOUNTAIN HOME C OF ENG MOUNTAIN VIEW 1 E MULBERRY 6 NNE	5036 5038 5046 5072	LOGAN BAXTER BAXTER STONE FRANKLIN	7 7 7 1	35 10 36 20 36 20 35 52 35 34	92 23 92 23 92 06 94 01	768		8 43 4 16 16	4		1 2 3 1 2 3 1 2 3 4C 2
BRAOFORO BRINKLEY BUFFALO TOWER BULL SHOALS DAM BURDETTE	1010	WHITE MONROE NEWTON BAXTER MISSISSIPPI	7 36	5 25 5 54 5 52 5 22 5 49	91 28 91 10 93 30 92 34 89 57	240 205 460 240	65	11 65 8		-	2 3 2	С		NARPOWS DAM NASHVILLE REACH SUBSTA NASHVILLE SCS NATHAN 4 WNW NEWHOPE 3 E	5112 5114 5158	PIKE HOWARD HOWARD HOWARD PIKE	4 4 3	34 10 34 00 33 57 34 07 34 14	93 56 7 93 51 7 93 52	550 371 550		6 17 8 16	-		1 2 3 4C 1 2 3 C
CABOT 4 SW CALICO ROCK CAMOEN 1 CAMOEN 2 CAMP CHAFFEE	1132 1152 1154	RULASKI IZARO OUACHITA OUACHITA SEBASTIAN	7 36 3 33 3 33	57 5 08 3 36 3 35 5 18	92 04 92 08 92 49 92 51 94 18	289 400 116 155 419	66 I4	12 51 66			2 2 1 2 3 1 2 3	С		NEWPORT NIMROD DAM NORFORK DAM ODELL ODEN 2 W	5226 5354 5356	PERRY 8AXTER WASHINGTON MONTGOMERY	1 7 1 3	35 36 34 57 36 15 35 48 34 38	93 10 92 15 94 24 93 48	1500 800	14	72 14 	-		1 2 3 1 2 3 4C C
CANAAN 2 W CARLISLE 1 SW CARPENTER OAM CLARENOON CLARKSVILLE	1188 1224 1238 1442 1455	SEARCY LONOKE GARLAND MONROE JOHNSON	3 34	41	92 44 91 45 93 01 91 18 93 28	235 172 436	3	16		OC T	2 2 3	С		OKAY OSCEOLA OMENSVILLE OZARK OZONE	5480 5498 5508 5514	HOWAPO MISSISSIPPI SALINE FRANKLIN JOHNSON	3 1 1	33 46 35 43 34 33 35 29 35 36	89 56 7 92 49 9 93 50 8 93 27	250 500 390 7 1900	60	2 7 5 5 1 2 6 0			1 2 3 2 2 1 2 3 2
CLINTON COLD SPRINGS COMBS 3 SE COMPTON 2 NE CONWAY		VAN BUREN SCOTT MADISON NEWTON FAULKNER	3 34 7 35 7 36	5 06	92 28 93 54 93 48 93 18 92 28	510 1250 1400 2166 316	72	34 15			2 2	c		PARAGOULO PARIS PARKIN 2 W RARKS PARTHFNON	5586 5591 5602	LOGAN CROSS SCOTT NEWTON	1 1	36 06 35 16 35 16 34 48 35 5	9 93 45 5 90 35 8 93 57	22:	8	32 8 25 15	APR		1 2 3 1 2 3 2 2
CORNING COTTER COVE CROSSETT 7 S CRYSTAL VALLEY	1666	CLAY BAXTER POLK ASHLEY PULASKI	7 36	5 24 5 17 6 26 3 02 6 42	90 35 92 31 94 25 91 56 92 26	293 440 1050 175 350	33	62 28 43 12			1 2 3	С		PERRYVILLE PINE BLUFF PINE BLUFF CAA AP PINE RIOGE POCAHONTAS 1	5754 5756 5760	RERRY JEFFERSON JEFFERSON MONTGOMERY RANGOLPH	1 1 1 3 7	35 00 34 12 34 10 34 35 36 16	92 00 91 56 5 93 54	20:	68	16 68 - 31 62			1 2 3 1 2 3 C 1 2 3 2 1 2 3
CUMMINS FARM OAISY OAMASCUS OANVILLE OANVILLE SCS	1814		3 34	5 22	91 35 93 45 92 25 93 24 93 24	176 629 705 370 370	12	12 14 3 40			1 2 3	c		PORTLAND PRESCOTT PRESCOTT SCS PYATT 1 NNW RATCLIFF	5908 5910 5970	ASHLEY B NEVADA D NEVADA MARION LOGAN	3 7	33 48 33 48 33 48 36 16 35 18	B 93 23 B 93 23 6 92 51	31	66	49 66			1 2 3 1 2 3 C C
OAROANELLE DE OUEFN OENVEP 2 E DEPMOTT DES APC	1960	BOONE	7 36	3 31	93 09 94 21 93 18 91 26 91 30	330 420 1028 140 204	70 22	70 22 16 20		JULY	1 2 3 1 2 3	С		RAVANA 1 NE PEMMEL OAM RISON POGERS RUSSELLVILLE	6102 6174 6248	MILLEP HOT SPRING CLEVELAND BENTON POPE	3	33 04 34 26 33 5 36 26 35 16	6 92 54 7 92 11	23	65	40 65 43	_		C C 1 2 3 1 2 3 4
OEVILS KNOB DUMAS 1 OUMAS 2 OURHAM 1 S EAGLE GAP	2150	JOHNSON OESHA DESHA WASHINGTON SCOTT	1 35 2 33 2 33 7 35 1 34	3 53 3 53 5 57	93 24 91 30 91 30 93 59 94 19	2350 162 165 1243 1150	19 49	19 49 29		JULY	1 2 3 1 2 3	c		SAINT CHARLES SAINT FRANCIS SALEM SEARCY SHERIDAN TOWER	6403	CLAY FULTON WHITE	7 7	34 2 36 2 36 2 35 1 34 2	7 90 08 3 91 50 5 91 44	30 66 24	45	22 28 1 45 15	ļ		1 2 3 2 2 1 2 3 1 2 3
"EL ODRADO CAA AP EUREKA SPRINGS EVENING SHADE FAYETTEVILLE FAYETTEVILLE CAA AP	2366	UNION CARROLL SHARP WASHINGTON WASHINGTON	3 33 7 36 7 36 1 36 7 36	5 05	92 48 93 44 91 37 94 IO 94 10	252 1465 490 1370 1253	55 54 18 8	55 54 16 18 8			1 2 3 1 2 3 2 1 2 3 1 2 3	с		SHIRLEY 3 SE SILOAM SPRINGS SMITHVILLE SPARKMAN 4 E STAMPS	6698	VAN SUREN BENTON LAWRENCE DALLAS LAFAYETTE	3	35 36 36 1 36 0 33 5 33 2	94 33 5 91 18 5 92 48	1156 456 3 266	15	16 15 13 8			2 1 2 3 C 2 2
FAYETTEVILLE EXP STA FLIPPIN CAA AP FOROYCE 6 W FOPEMAN FORESTER 4 WNW	2528 2540 2544	WASHINGTON MARION DALLAS LITTLE RIVER SCOTT	7 36	5 18 3 49 3 43	94 10 92 36 92 31 94 24 93 53	1270 700 280 400 660	68 5 24	68 5 24		APR	1 2 3 1 2 3 1 2 3	с		STAR CITY 2 S STEVE STUTTGART STUTTGART 9 ESE SUBIACO	6856 6918	LINCOLN YELL BARKANSAS ARKANSAS LOGAN	1 7	33 54 34 55 34 25 34 24 35 14	9 93 19 9 91 32 8 91 25	21	67	13 12 68 20 57	-		2 2 1 2 3 1 2 3 4C 1 2 3
FORREST CITY FORT SMITH WB AIRPORT FOPT SMITH WATER PLANT FOUNTAIN HILL FULTON	2574 2578 2598	ST FRANCIS SEBASTIAN CRAWFORO ASHLEY HEMPSTEAO	5 35 1 35 1 35 3 33 4 33	39	90 47 94 22 94 09 91 50 93 48	261 458 793 175 260	74	74 18 13 70			1 2 3 1 2 3 2 2 2	c		SUGAR GROVE TAYLOR TEXARKANA WB AIRPORT TURNPIKE WALDRON	7038 7048 7262	LOGAN COLUMBIA MILLER POPE SCOTT	4 4	35 04 33 04 33 2 35 40 34 54	6 93 27 7 94 00 0 93 05	7 24 36 208	71 31	15 13 71 31 36		AUG	2 1 2 3 C 1 2 3 1 2 3 C
GEORGETOWN GILBERT GLENWOOD GRANNIS GRAVELLY 2 ESE	2760 2794 2842 2908 2922		7 35 7 35 3 34 4 34 1 34	20	91 26 92 43 93 33 94 20 93 39	200 595 547 920 498	21	43 30 21 30 16			2 1 2 3 2 1 2 3 2	с		WALNUT GROVE WALNUT RIOGE CAA AP WAPREN WASHITA WEST FORK	7582	LAWRENCE	7	35 5: 36 04 33 34 34 34 35 5:	8 90 56 6 92 04	27.	61	15 8 61 5			2 1 2 3 1 2 3 2 C
GRAVETTE GREEN FOREST GREEN MOUNTAIN GPEEMBRIER GREENWOOO	2946 2952 2962	BENTON CARPOLL STONE FAULKNER SEBASTIAN	1 36 7 36 7 36 1 35 1 35	5 14	94 28 93 26 92 12 92 23 94 15	1250 1350 1100 360 518	58 18	58 16 18 13 16		ОСТ	1 2 3			WHEELING WHITE ROCK WHITECLIFFS WILSON WINFREY	7772	FULTON FRANKLIN SEVIER MISSISSIPPI CRAWFORO	1 4 2	36 14 35 43 33 44 35 35	1 93 57 8 94 04 4 90 02	228	19	19		JULY	1 2 3 2 1 2 3
GURDON 3 E HAMPTON HAROY HARRISON HEBER SPRINGS 3 NE	3098 3132 3164	CLARK CALHOUN SHARP 800NE CLEBURNE	3 32 3 32 7 36 7 36 7 35	3 32 5 19 5 14	93 06 92 28 91 29 93 07 92 01	290 202 362 1150 525	55	8 8 55			2 2 1 2 3	с		AETFALTE AANUE AETFALTE	7950 8052 8084	CROSS	1 5 7	34 5 35 1 36 1	7 93 28 3 90 48 3 92 41	26	47	47			1 2 3 2
HEBER SPPINGS 3 SW HECTOR HELENA HENDERSON 2 W HOPE 3 NE	3235 3242 3258	CLEBURNE POPE PHILLIPS BAXTER HEMPSTEAD	7 35 1 35 2 34 7 36 4 33	2 8 2 8 3 2 3 2 3 4 3	92 03 92 58 90 35 92 16 93 33	555 200 580 375	83	8 83 15 85 -				c													
HOPPER HORATIO HOT SPRINGS 1 NNE HUNTSVILLE HUTTIG OAM	3442 3466 3540	MONTGOMERY SEVIER GARLANO MADISON UNION	3 34 4 33 3 34 7 36 3 33	3 5 6	93 41 94 22 93 03 93 44 92 05	700 337 710 1453 60	63	8 10 63			2 2 1 2 3	C													
INOÉX JASPER JESSIEVILLE JONESBORO KEO	3704	LITTLE RIVER NEWTON GARLANO CRAIGHEAD LONOKE	4 33 7 36 3 34 7 35 1 34	42	94 03 93 11 93 04 90 42 92 00	300 857 730 345 230	60	31 8 8 60 8			2 2 2 1 2 3 1 2 3														
‡ DRAINAGE COOE: 1. AR	CANSAS	2. MISSISSIE	101 2	0110	CHITA	, DE																			

REFERENCE NOTES

Additional information regarding the climate of Arkansas may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Box 1819 Little Rock, Arkansas, or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- No record
 Also later date (dates) or months.
 Amount included in following measurement,
 Includes total for previous month. V in annual column means total is for a two-year period.
 Gage is equipped with a windshield.
 Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
 Adjusted to full month.
 Data for recorder stations denoted by "C" in the Refer to Tables column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder-only stations may be found in the annual issue of "Hourly Precipitation Data".
 Amount is wholly or partially estimated.
 One or more days' record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.) B C

- R
- Precipitation Data.)
 Trace, an amount too small to measure.

Information concerning tbe history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for 45 cents.
Similar information for regular Weather Bureau stations may be found in the latest issue of Local Climatological Data annuals, obtained as indicated above, price

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D.C.

NWRC, Asheville, N. C. -- 2-21-57 - 1150

CHANGES IN STATION NAMES

NEW NAME	FORMER NAME	DATE
Beaver 1 SE Canaan 2 W Compton 2 NE Durham 1 S Gurdon 3 E Mountain View 1 E Parks Shirley 3 SE	Beaver Canaan Compton Durham Gurdon Mountain View 1 W Forester 4 WNW Shirley	May February June January April July April June

RELOCATION AND CHANGES OF EQUIPMENT

Alicia	Rain gage moved 30 feet N	May 1
Beaver 1 SE	Rain gage moved 45 feet S	May 1
Blakely Mountain Dam	Rain gage moved 1000 feet NW	June 1
Blakely Mountain Dam	Temperature equipment installed	August 1
Camden 1	Equipment moved 2000 feet SW	May 16
Conway	Equipment moved 0.5 mile WSW	January 1
Conway	Equipment moved 400 feet W	March 16
Dardanelle	Rain gage moved 30 feet NE	September 10
Durham 1 S	Recorder moved 1 mile S	January 1
Grannis	Eouipment moved 100 feet SW	August 8
Gurdon 3 E	Rain gage moved 3.1 miles ESE	April 4
Hector	Rain gage moved 70 feet NE	March 14
Lamar 2 SW	Recorder moved 200 feet N	March 27
Mountain View 1 E	Rain gage moved 2 miles E	July 1
Mount Ida	Rain gage moved 10 feet W	April 10
Parks	Rain gage moved 6 miles WNW to Forester 4 WNW	*pril 12
Rogers	Thermometers moved 60 feet SW	June 21
Yellville	Rain gage moved 1/4 mile N	October 9

